



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER
DPS0726

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT 304-558-2544

VENDOR

**Electronic Specialty**  
 1325 Dunbar Avenue  
 Dunbar, WV 25064

SHIP TO

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE  
 SOUTH CHARLESTON, WV  
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/15/2007	Net 30	Our Truck	Job Site	N/A
BID OPENING DATE: 02/27/2007		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM #01						
THIS ADDENDUM IS ISSUED TO MODIFY THE REQUIREMENTS OF THE ORIGINAL SPECIFICATIONS. THE CHANGES ARE AS FOLLOWS:						
* TO ALLOW THE OPTION FOR BIDDERS TO PROVIDE A QUOTATION ON REPLACING ALL EQUIPMENT, HARDWARE, SOFTWARE, WIRING, AND RELATED ITEMS NECESSARY TO SECURE THE FACILITY AS STATED IN THE ORIGINAL SPECIFICATIONS. THE WV STATE POLICE RESERVES THE RIGHT TO REQUEST REFERENCES, SAMPLES, OR DEMONSTRATION OF THE ALTERNATE SYSTEM BID, FOR EVALUATION PURPOSES.						
NOTE TO ALL BIDDERS: THE ADDED CONSTRUCTION EXHIBIT ONLY APPLIES TO VENDOR'S BIDDING THE OPTION/ALTERNATE SYSTEM.						
* EXTEND THE BID OPENING DATE TO 2/27/2007; 1:30 PM						
0001	1	LS		936-73		\$32,745.00
ADDITION & UPGRADE TO CARD ACCESS SYSTEM W/SOFTWR. Service Normal Labor \$75.00/Hr. Overtime Labor \$90.00/Hr. Material/Equipment Cost plus 25%						
EXHIBIT 5						
NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 30 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO						

SIGNATURE		SEE REVERSE SIDE FOR TERMS AND CONDITIONS	
TITLE	FEIN	TELEPHONE	DATE
Systems Integrator	55-0452548	304-766-6277	2/27/07

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/15/2007				

BID OPENING DATE: **02/27/2007** BID OPENING TIME **01:30PM**

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<p>PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR KANAWHA COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p> <p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>( ) BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.</p>						

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SIGNATURE \_\_\_\_\_ TELEPHONE \_\_\_\_\_ DATE \_\_\_\_\_

TITLE \_\_\_\_\_ FEIN \_\_\_\_\_ ADDRESS CHANGES TO BE NOTED ABOVE

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**25309 304-746-2141**

DATE PRINTED: <b>02/15/2007</b>	TERMS OF SALE:	SHIP VIA:	F.O.B.:	FREIGHT TERMS:
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BID OPENING DATE: **02/27/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A PERFORMANCE AND LABOR &amp; MATERIAL BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.</p> <p>( ) MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p> <p>REV. 11/00</p> <p>EXHIBIT 7</p> <p>DOMESTIC ALUMINUM, GLASS &amp; STEEL IN PUBLIC WORKS PROJECTS</p> <p>IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES</p>						

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WEST VIRGINIA STATE POLICE  
  
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				<p>IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.</p> <p>FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE &amp; ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED</p>		

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<p>TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.</p> <p>REV. 11/96</p> <p>EXHIBIT 10</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p>						

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ADDENDUM NOS.:						
NO. 1		2/15/07				
NO. 2						
NO. 3						
NO. 4						
NO. 5						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.						
					SIGNATURE	
Electronic Specialty Company					COMPANY	
2/27/07					DATE	
REV. 11/96						
CONTRACTORS LICENSE						
WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.						

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<p>WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.</p> <p>BIDDER TO COMPLETE:</p> <p>CONTRACTORS NAME: ..... Electronic Specialty Company .....</p> <p>CONTRACTORS LICENSE NO.: WV 010229 .....</p> <p>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT</p> <p style="text-align: center;">APPLICABLE LAW</p> <p>THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULE AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.</p> <p>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 1/2005</p>						

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***** THIS IS THE END OF RFQ DPS0726 ***** TOTAL:						<u>\$32,745.00</u>
		Service	Alternate Manufacturer GE Security	Normal Labor Overtime Labor Material/Equipment	\$75.00/Hr. \$90.00/Hr. Cost plus 25%	

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Sam [Signature]</i>	TELEPHONE 304-766-6277	DATE 2/27/07
TITLE Systems Integrator	FEIN 55-0452548	ADDRESS CHANGES TO BE NOTED ABOVE

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 Electronic Specialty Company  
 1325 Dunbar Avenue  
 Dunbar, WV 25064

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		936-73		
<p align="center"><b>REQUEST FOR QUOTATION</b></p> <p>THE PURCHASING DIVISION IS SOLICITING BIDS FOR THE WEST VIRGINIA STATE POLICE TO PROVIDE AN UPGRADE AND MAKE ADDITIONS TO THE EXISTING CARD ACCESS SYSTEM.</p> <p>ATTACHMENTS: 1. SPECIFICATIONS 2. AFFIDAVIT</p> <p>MANDATORY PRE-BID: A MANDATORY ON-SITE PRE-BID WILL BE AT THE STATE POLICE HEADQUARTERS, 725 JEFFERSON ROAD, SOUTH CHARLESTON, WV 25309, ON FEBRUARY 14, 2007; 1:30 PM.</p> <p align="center"><b>VENDOR PREFERENCE CERTIFICATE</b></p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p> <p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>( ) BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS</p>						
<p align="center"><b>ADDITION &amp; UPGRADE TO CARD ACCESS SYSTEM W/SOFTWR.</b></p>						

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<p>CERTIFICATION; OR</p> <p>( X ) BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>( ) BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>( X ) BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;  OR  ( ) BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE</p>						

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BID OPENING DATE: **02/22/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX &amp; REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER:  
**DPS0726**

PAGE:  
**4**

ADDRESS: CORRESPONDENCE TO ATTENTION OF:  
**JOHN ABBOTT**  
**304-558-2544**

RFQ COPY

TYPE NAME/ADDRESS HERE

SHIP TO

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE  
 SOUTH CHARLESTON, WV  
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/30/2007				

BID OPENING DATE: **02/22/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UQP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>BIDDER: <u>Electronic Specialty Company</u></p> <p>DATE: <u>2/27/07</u></p> <p>SIGNED: <u><i>[Signature]</i></u></p> <p>TITLE: <u>Systems Integrator</u></p>						
<p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'





State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER:  
**DPS0726**

PAGE:  
**5**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**JOHN ABBOTT  
 304-558-2544**

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE  
 SOUTH CHARLESTON, WV  
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/30/2007				

BID OPENING DATE: **02/22/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BUYER:				JOHN ABBOTT-----		
RFQ. NO.:				DPS0726-----		
BID OPENING DATE:				02/22/2007-----		
BID OPENING TIME:				1:30 PM-----		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
				-----304-766-6270-----		
CONTACT PERSON (PLEASE PRINT CLEARLY):						
				-----Tom Juzwik-----		
***** THIS IS THE END OF RFQ DPS0726 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE		TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

# AFFIDAVIT

**West Virginia Code §5A-3-10a states:**

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**EXCEPTION:**

The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**LICENSING:**

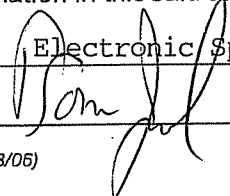
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: Electronic Specialty Company

Authorized Signature:  Date: 02/27/07



1325 Dunbar Ave.  
P. O. Box 400  
Dunbar, WV 25064  
(304) 766-6277  
Fax (304) 766-6270  
800-642-5500

**WEST VIRGINIA STATE POLICE HEADQUARTERS**  
**ADDITION & UPGRADE TO CARD ACCESS SYSTEM W/SOFTWARE**  
**PROPOSED ALTERNATE MANUFACTURER**  
**GE SECURITY SECURE PERFECT**  
**CARD ACCESS SECURITY MANAGEMENT SYSTEM**

**SITUATION**

- The West Virginia State Police Headquarters currently has an obsolete and UN-SUPPORTED Westinghouse DOS Based Access Control System with a 32 reader unused card access license.
- The WVSP also owns and has in operation the current version of Honeywell ProWatch Software for Photo ID Cards as well as a Badge Printer that will work with the majority of major access control systems as well as our proposed system.
- To upgrade to the current version of Honeywell ProWatch, which is a REPLACEMENT of and NOT an upgrade to the existing Westinghouse DOS Based Access Control System, the WVSP must:
  - Purchase additional Reader License Software
  - Replace ALL former Westinghouse Access Control Hardware, i.e.
    - Controllers (ACUs)
    - Card Readers
  - Replace ALL Access Cards
  - Replace the existing coaxitron cable infrastructure  
... i.e. REPLACE THE EXISTING WSE SYSTEM

**PROPOSED EQUAL**

- GE Security Secure Perfect 6.X 256 Reader License Card Access Security Management S/W
- GE Security Secure Perfect Badge Imaging Software
- GE Security Hardware per specified quantities
- GE Security Access cards per specified quantities

This s the same system that has been in use at the **WV State Capitol Complex** for the past 4 years and at **CAMC Campuses** since the mid 70's requiring **NO SYSTEM REPLACEMENT** because of evolvment of new technology due to the Manufacturer's policy of "Backward Compatibility".

**FUTURE INTEGRATION CAPABILITIES**

- Remote Detachments
- GE Security SP Digital Video Surveillance
- GE Security API Developer Software Interface
- GE Security SP for Osborne Hoffman Central Station Monitoring Software
- GE Security CaddX Burg Systems
- GE Security Visitor Central System
- GPS
- Mobile CCTV

*We sell and install and service quality systems*  
*Sound . . . Fire Alarm . . . CCTV . . . Time . . . Monitor Control*

WV Contractors License #WV 010229



1325 Dunbar Ave.  
 P. O. Box 400  
 Dunbar, WV 25064  
 (304) 766-6277  
 Fax (304) 766-6270  
 800-642-5500

**WEST VIRGINIA STATE POLICE HEADQUARTERS  
 ADDITION & UPGRADE TO CARD ACCESS SYSTEM W/SOFTWARE**

**PROPOSED ALTERNATE MANUFACTURER**

**GE Security - Secure Perfect**

**BILL OF MATERIALS**

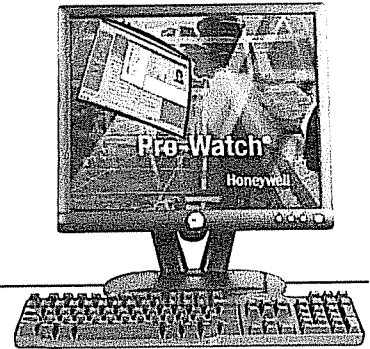
QUANTITY	MANUFACTURER	ITEM # / DESCRIPTION
1	GE Security	Secure Perfect 6.X - Professional Edition Server License - Base License includes Capacity for 256 readers, 5 Client Workstations, 32 MicroControllers and SP Imaging Option Licensed on (1) Client Workstation.
1	GE Security	SWSPGROUP - System Support Agreement, Annual, Multiple License <b>Secure Perfect Pro</b> , w or w/o Imaging. One-Time Billing and Aligned Coverage Dates. Price per Site. Unlimited Telephone Tech Support, M/F, Standard Hours
3	GE Security	M3000PXNplus MicroController - Secure Perfect , Serial & Ethernet 10/100Mb, 110 / 230VAC, Integral Power Supply w/Battery Back-Up & Enclosure
3	GE Security	8RP Reader Interface - 12VDC F/2F and Supervised F/2F Readers, 8 Reader Capacity
6	GE Security	20 Digital Input Board - 20 Supervised Points, 1K Supervision Resistors Supplied, Micro/5-All Versions
33	GE Security	Model T-520SW Reader Kit - Black, Single-Width USA Electrical Box Mount, S-F/2F and Wiegand Comm, 18" Pigtail, Installation Wrench and MR/J Box. Reads Casi Proximity, Mifare (ISO14443A) and Vicinity (ISO15693), HID Prox & Corp 1000
5	Securitron	M32 - 600 Lb. 24VDC Mag-Lock
5	Bosch	DS150i - PIR/REX Exit Device
5	GE Security	1076CWM - Recessed Door Contact
5	Securitron	BPS-12-1; 12VDC 1 Amp Power Supplies
10	IAB	12V 7Ah Batteries
800	GE Security	Entrée - Proximity Card with GE Security Logo, Vertical Slot Punch, External ID Number

*We sell and install and service quality systems  
 Sound . . . Fire Alarm . . . CCTV . . . Time . . . Monitor Control*  
 WV Contractors License #WV 010229

FOR COMPARATIVE ANALYSIS  
TO GE SECURE PERFECT 6.X

Honeywell

# Pro-Watch® Release 3.7 Professional Edition



## Security Management System

Pro-Watch® Release 3.7 Professional Edition is an entry-level security management solution for small to midsize applications. Enhanced with ease-of-use features, Pro-Watch Release 3.7 is designed to maximize value and decrease installation time. Built-in software wizards enhance system uniformity across sites, reduce installation time, and improve the overall learning curve for new users.

Professional Edition is based on the Pro-Watch 3.7 platform featuring native support for Honeywell's Digital Video Manager (DVM) R200 and advanced auditing capabilities. Professional Edition uses the Microsoft® Data Engine (MSDE) to provide a powerful solution for applications with one to five users and up to 64 entrances. Designed with future growth in mind, Professional Edition sites can be easily upgraded to global enterprise systems.

- Ease-of-use features accelerate system setup, configuration and deployment.
- Powerful change tracking and auditing capabilities facilitate compliance with growing regulatory compliance requirements.
- Multi-threaded three tier architecture fully exploits Windows Server 2003 multi-processor architecture.
- DVM R200 integration supports motion events, advance clip search capabilities, PTZ control and live video with MUX capability.
- Pro-Watch Professional Edition allows seamless growth from a two-door system to a 20,000-door Enterprise System without ever having to change user-interfaces or learn a new application.
- Provides seamless integration with other third party facility management subsystems including CCTV, pagers, intercoms, biometric devices, and digital storage devices. Pro-Watch supports a "generic channel" capability that allows customized interfaces to previously unsupported third-party devices.
- Industry standard Open Architecture. Support for hardware protocols from a variety of manufacturers makes upgrading to Pro-Watch the economical choice. Designed to meet the challenges of today's growing business, Pro-Watch combines the flexibility, scalability and power required for world class security management without compromising simplicity.

## FEATURES

- Supports Windows Server 2003 and Windows XP Professional Edition
- Integrated badge, hardware and permission wizards reduce the number of clicks required to configure and deploy a system
- Virtual video multiplexer displays multi-vendor video sources side by side
- Integrated to Honeywell Digital Video Manager (DVM) R200, Fusion and Rapid Eye digital video systems
- Integral Technologies DVX Series integration
- Hand geometry template storage and administration through application
- Multiple database partitioning provides a higher level of security by allowing the system administrator to restrict access to sensitive information by user ID
- Direct import of select versions of AutoCAD drawings with layer views reduce commissioning costs and time
- Multiple database processing uses the latest Microsoft® Database Engine technology (OLE-DB)
- Global search utility allows information to be easily accessed and recalled
- Integrated badging and CCTV functions with a single user interface eliminate the need for multiple software/hardware packages and redundant data entry
- Search templates are available for quick lookup of all system parameters
- Macros combine multiple operations into a single keystroke or mouse click
- Integrated real-time status monitor allows for quick evaluation of point status
- Windows 2000® Terminal Services support
- 128-bit data encryption between host and PW-5000 access control panels

# Pro-Watch® Release 3.7 Professional Edition

## Security Management System

### SPECIFICATIONS \*

#### Access Control Software

- Unlimited cardholders with Pro-Watch software
- 32 clearance codes per cardholder
- Unlimited time zones
- 255 holidays
- On-line transaction storage limited only by MSDE 2 GB limit
- Unlimited controllers with Pro-Watch software
- Up to 64 readers (32 standard)
- Elevator control of up to 128 floors

#### Alarm Monitoring

- Unlimited monitor points/512 per PW-5000 channel
- Unlimited operators/passwords
- Unlimited user-defined cardholder data fields

#### Auditing and Tracking

- Support for
  - Electronic signatures
  - Two-man rule change authorization process
- Tracking of clearance codes based on logical device changes, time zones, holidays, panel configuration and card access
- Configurable tracking levels

#### Reporting & Operating

- Definable operator instructions per alarm point and type

### BENEFITS

- Wizards reduce time required for installation, configuration and setup
- Robust security model with customer operator level ensures outstanding enterprise-level performance
- Three-tier architecture minimizes network interchanges and provides a more rich and secure communication infrastructure
- Windows®-based graphical user interface minimizes operator training and helps organize tasks more efficiently
- Multiple database partitioning allows system administrator to restrict access to sensitive information by User ID, providing higher levels of security
- Easy system setup and maintenance with user definable "drag and drop" hardware templates
- Direct import of select versions of AutoCAD drawings with layer views reduce commissioning costs and time
- Integrated support for multiple digital video platforms including Integral Technologies DVX Series DVRs and Honeywell Video Systems' Rapid Eye DVRs and VideoBloX
- Easily access and recall information using the global "find" utility
- Integrated badging and CCTV functions with a single user interface eliminates multiple software/hardware packages and redundancy in data entry
- Flexible software licensing packages and hardware components allow the system to be tailored to individual customer needs and applications
- Compatibility with PW-Series Intelligent Modules adds precision, flexibility and commanding performance

- Defaulted reports/User definable via Active or Crystal Reports
- DWG/DXF/PCX/WMF/BMP graphical map import

#### Technology support

- Smart card
- Digital proximity
- Biometrics (hand and fingerprint)
- Wiegand
- Keypad
- Magnetic stripe/barcode

#### Standard features

- Access control
- System and activity monitoring
- Database management tools
- Database and event reporting
- Map manager
- Two-person rule
- Video verification
- VideoBloX and MaxPro CCTV support
- Mustering and tracking

#### Other

- Interface: Microsoft® Windows 2000 Certified Product
- Database protocols: MSDE, ODBC, OLE
- Networking protocols: TCP/IP, WAN/LAN

#### System Requirements

##### File server CPU Requirements

- Microsoft® Windows 2003 Server or Windows 2000 Server
- CPU - Xeon 2.66 with 1 GB RAM or better (4 GB recommended)

##### Access Control Client

##### Workstation CPU Requirements

- Microsoft® Windows XP Professional or Windows 2000 Professional
- Xeon 900 MHz and 512 MB RAM or better (1 GB recommended)

##### Video Badging Client Workstation CPU Requirements

- Microsoft® Windows XP Professional or Windows 2000 Professional
- Xeon 900 MHz and 512 MB RAM or better (1 GB recommended)

##### Digital Video Support

- Honeywell Digital Video Manager (DVM) R200
- Honeywell Rapid Eye
- Honeywell Fusion
- Integral Technologies:
  - DVXI
  - DSXpress
- Virtual video multiplexor

## INTEGRATION

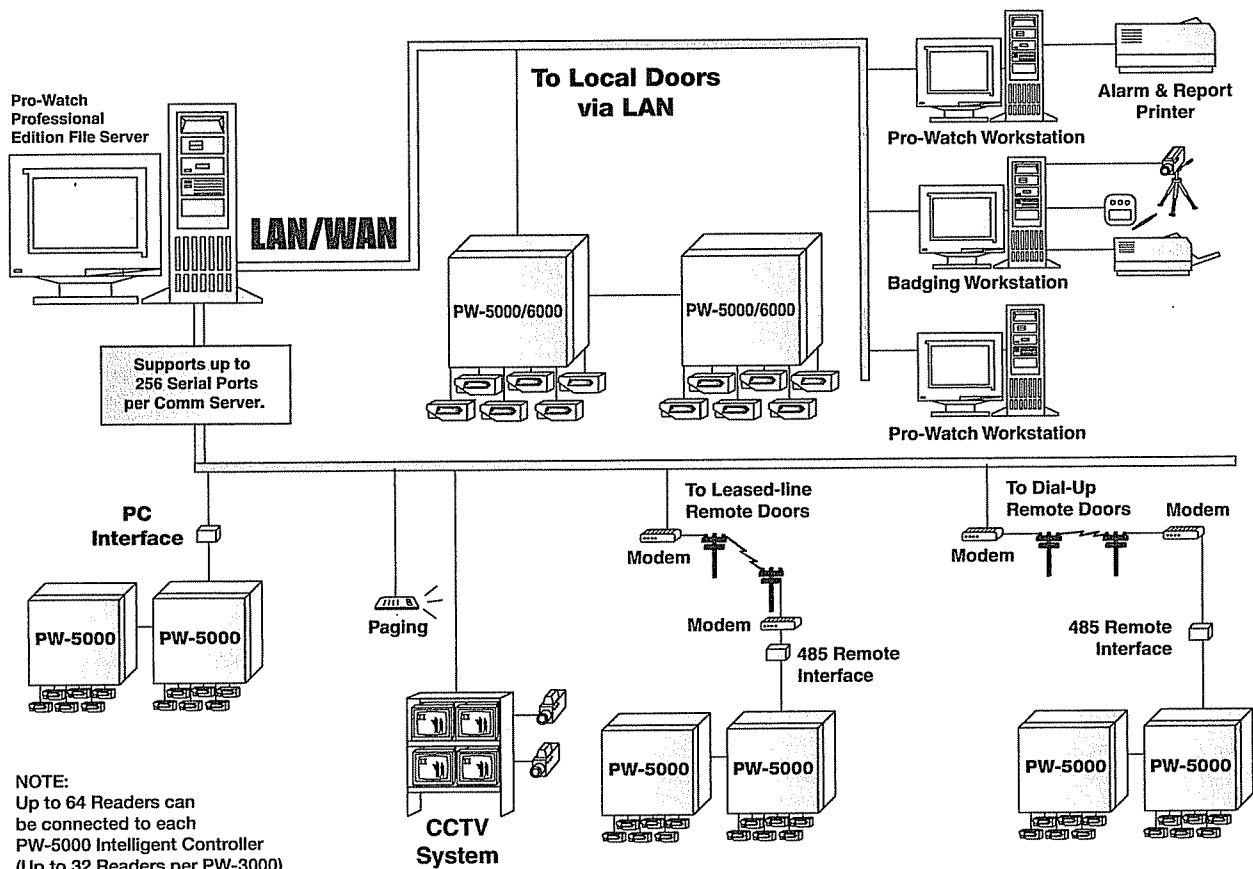
### Pro-Watch Integration with DVM

DVM is tightly integrated with Pro-Watch Security Management Software to provide seamless alarm and event activated recording, ensuring that the video you capture is the video you need. With the power of digital recording, all images are stored in a quickly searchable database, meaning you will never have to waste time searching through old videotapes. DVM intelligently captures video, utilizing video motion detection for activation of recordings and initiating alarms. Incidents that take place prior to the alarm are also recorded, ensuring you never miss vital events. For enhanced security, all video is digitally signed, with a complete audit trail of all operator actions and system events.

### Pro-Watch Integration with LobbyWorks™

Database integration between LobbyWorks™ and Pro-Watch. Badges issued and assigned through LobbyWorks™ can easily be tracked using Pro-Watch database.

## CONFIGURATION



# Pro-Watch® Release 3.7 Professional Edition

## Security Management System

### RECOMMENDED COMPONENTS

#### Controllers

- STAR® I Controller (92410250020)
- STAR® II Controller (92410250030)
- PW-3000 Intelligent Controller (PW3K1IC)
- PW-5000 Intelligent Controller (PW5K1IC)

#### Reader/Input/Output Modules

##### PW Series Access Control Systems:

- PW-5000 Single Reader Module (PW5K1R1)
- PW-5000 Dual Reader Module (PW5K1R2)
- PW-5000 Sixteen Relay Output Module (PW5K1OUT)
- PW-5000 Sixteen Alarm Input Module (PW5K1IN)

#### STAR® I and STAR® II Access Control Systems

- MIRO 32/0 board only (92410026000)
- MIRO 2/16 board only (92410027000)
- MIRO 4/2 board in modular MSM-type enclosure (92410025200)
- WIRO 4/8/4 - Wiegand Protocol ports, 8 Input, 4 output (92410034840)

### ORDERING

#### Pro-Watch Professional Edition Software

<b>PWPESW7</b>	Pro-Watch PE Server Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging License, (32) Readers License
<b>PWPE7SWCL</b>	Single Concurrent User Software License Add-on
<b>PWPE7RDR32</b>	32 Reader License Add-on (in addition to the 32 standard readers for 64 total)
<b>PWPE7BADGEL</b>	Single Concurrent Badging License Add-on (License Only)

#### Pro-Watch Professional Edition Systems

<b>PWPE7SA</b>	Pro-Watch PE Stand-Alone Computer and Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging License, (32) Readers License
<b>PWPE7SYS</b>	Pro-Watch PE Server Computer and Software - (1) Server License, (1) Concurrent User License, (1) Concurrent Badging License, (32) Readers License
<b>PWPESYSCL</b>	Client Computer (No License)
<b>PWPE7SWCL</b>	Single Concurrent User Software License Add-on
<b>PWPE7RDR32</b>	32 Reader License Add-on (in addition to the 32 standard readers for 64 total)
<b>PWPE7BADGEL</b>	Single Concurrent Badging License Add-on (License Only)
<b>PWPR7UPG</b>	Pro-Watch Professional Edition Release 6 to Release 7 Upgrade

#### Pro-Watch Professional System Upgrades (From Professional to Corporate Edition)

<b>UPG7PECE32R2U</b>	Upgrade from Professional Edition (32 Reader, 2 User) to Corporate Edition
<b>UPG7PECE64R2U</b>	Upgrade from Professional Edition (64 Reader, 2 User) to Corporate Edition
<b>UPG7PECE32R3U</b>	Upgrade from Professional Edition (32 Reader, 3 User) to Corporate Edition
<b>UPG7PECE64R3U</b>	Upgrade from Professional Edition (64 Reader, 3 User) to Corporate Edition
<b>UPG7PECE32R4U</b>	Upgrade from Professional Edition (32 Reader, 4 User) to Corporate Edition
<b>UPG7PECE64R4U</b>	Upgrade from Professional Edition (64 Reader, 4 User) to Corporate Edition

#### Pro-Watch System Options

<b>PWDBUT</b>	Pro-Watch Database Transfer Utility (Import/Export)
<b>PWINTSTENO</b>	Pro-Watch interface to Stenlofon Intercom System
<b>PWNT3CCTVAD</b>	Server License for American Dynamics CCTV Interface
<b>PWNT3EXECCTVBR</b>	Server License for Burle CCTV Interface
<b>PWNT3EXECCTVPE</b>	Server License for Pelco CCTV Interface
<b>PWNT3EXECCTVVI</b>	Server License for Vicon CCTV Interface
<b>PWNT3EXECCTVIN</b>	Server License for Integral Technologies Digital Video Interface
<b>PBVC15</b>	PCI Video Capture Card for Photo Capture

Pro-Watch® and STAR® are registered trademarks of Honeywell International Inc. Microsoft®, Microsoft Windows® NT, Windows® Server 2003®, Windows® XP and Windows® 2000 are registered trademarks of Microsoft Corporation.

**Microsoft**  
GOLD CERTIFIED  
Partner

Honeywell is a member of the Microsoft® Certified Gold Partner program.

For more information: [www.honeywellintegrated.com](http://www.honeywellintegrated.com)

#### Honeywell Integrated Security

135 W. Forest Hill Avenue  
Oak Creek, WI 53154  
1-800-323-4576  
414-766-1798 Fax  
[www.honeywell.com](http://www.honeywell.com)

7-501183 revA  
September 2006  
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# Honeywell





*OPTIONAL/FUTURE*

## **Secure Perfect API**

*Develop custom software interfaces for Secure Perfect*

### **Overview**

Secure Perfect's new Application Programming Interface (API) provides a truly open, Windows-based development framework for building complete security management solutions. The Secure Perfect® API allows developers to leverage the power, flexibility, and feature-rich functionality of the Secure Perfect access control platform. Now transactions from a wide range of existing or available enterprise systems can be exchanged with Secure Perfect.

### **System Interoperability**

The Secure Perfect API fully equips developers to write custom software interfaces for Secure Perfect. These custom interfaces have the ability to process alarm, badge, and zone transactions from the Secure Perfect system, control certain points in a microcontroller, and create and generate their own alarms on demand.

### **Systemization Examples: Time & Attendance**

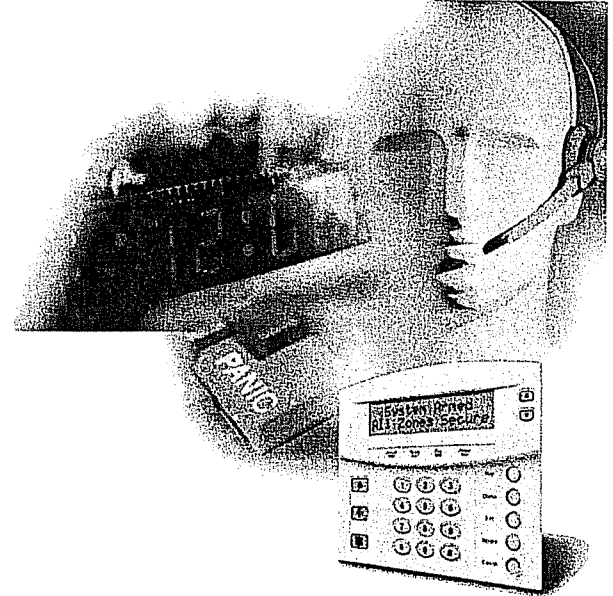
The API can be used to develop an interface to external Time and Attendance systems. Transactions from specific Secure Perfect readers can be programmatically directed to share with the Time and Attendance systems, providing real-time updates as employees enter and exit facilities controlled by Secure Perfect.

### **Systemization Examples: Computer Aided Dispatch**

The API can be used to develop an interface to external Computer Aided Dispatch systems. Alarm information from these dispatch or emergency notification systems can be sent to Secure Perfect. The Secure Perfect API allows this type of connection to the real-time alarms that are detected by the Secure Perfect system.

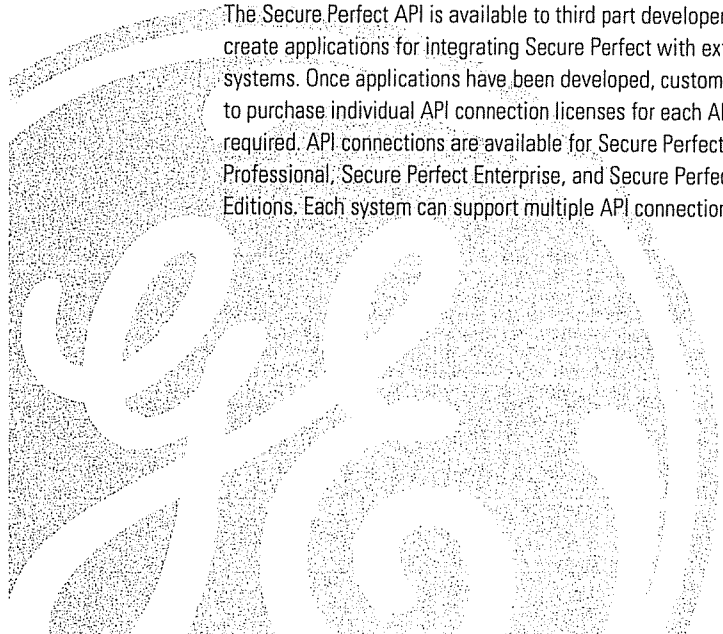
### **Connectivity**

The Secure Perfect API is available to third part developers desiring to create applications for integrating Secure Perfect with external systems. Once applications have been developed, customers will have to purchase individual API connection licenses for each API connection required. API connections are available for Secure Perfect Professional, Secure Perfect Enterprise, and Secure Perfect Global Editions. Each system can support multiple API connections.



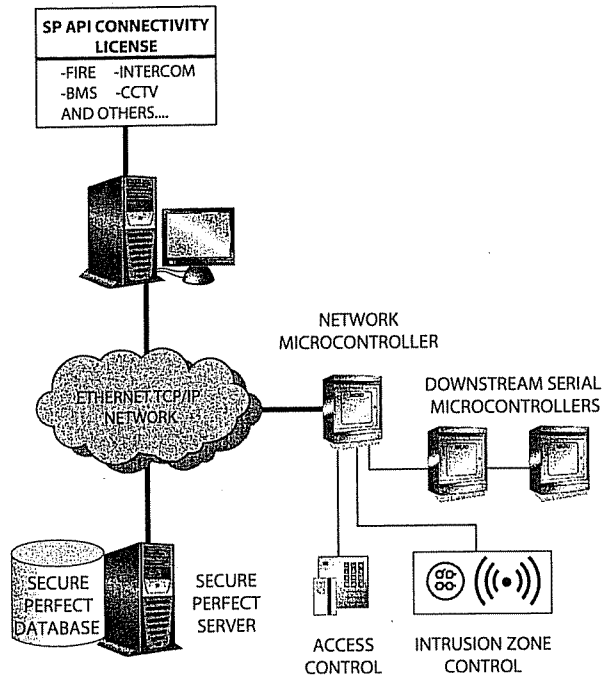
### **Standard Features**

- **Real-time event processing and remote command & control**
- **Bi-directional alarm event processing for monitoring and acknowledgement**
- **Receive Secure Perfect badge events**
- **Receive digital input events**
- **Receive intrusion zone events**
- **Control alarm point monitoring (On/Off)**
- **Control digital input points (Enable/Disable)**
- **Control digital output points (Open/Close)**
- **Control intrusion zones (Arm/Disarm)**
- **Includes sample COM code for Visual Basic, C++ and C#**
- **Complete documentation of all API functions and embedded database triggers**



# Secure Perfect API

Develop custom software interfaces for Secure Perfect



## Specifications

### Developer Requirements

Application programming skills in either Visual Basic, C++ or C#  
Knowledge of Microsoft COM/DCOM objects

## Ordering Information

Part No.	Description
520960604	Secure Perfect API, documentation and sample COM objects
970149001	Secure Perfect API Connection License required for connecting applications developed using the API to Secure Perfect



**GE Security**

Enterprise Solutions, 791 Park of Commerce Boulevard Suite 100, Boca Raton, FL 33487

Tel: +1 (561) 998-6100 - U.S.A. Toll Free: 1 (800) 428-2733 - Fax: +1 (561) 994-6572 - Internet: <http://www.ge-security.com>



OPTIONAL / FUTURE

## **Secure Perfect 6.0 Digital Video Surveillance**

*Advanced Video Integration for Secure Perfect Editions*

### **Overview**

Secure Perfect® Digital Video Surveillance is a fully integrated video option for the Secure Perfect Editions line of security management systems. Designed to closely integrate with Digital Video Recorders over a standard Ethernet TCP/IP connection, Secure Perfect delivers a comprehensive solution that produces more effective and efficient security management. The Digital Video Surveillance option enables access control and alarm events to initiate true, event-driven camera control, recording, and playback, as well as live video surveillance. Secure Perfect system operators can have quick access to live and recorded video across any number of local and remote locations right from their desktops.

### **Powerful Digital Video Integration**

Any Secure Perfect system can be licensed to enable the fully integrated Digital Video Surveillance option, making video accessible from any Secure Perfect client workstation, based on operator permissions. System operators can continue to perform access control and alarm management operations with real-time video access, providing visual verification of event-driven video on demand from a single user interface. Never again spend endless investigative hours searching through videotapes and cross-referencing security system reports. The Secure Perfect Digital Video Surveillance option offers clear advantages over traditional, independently interfaced CCTV systems that use tape-based recording.



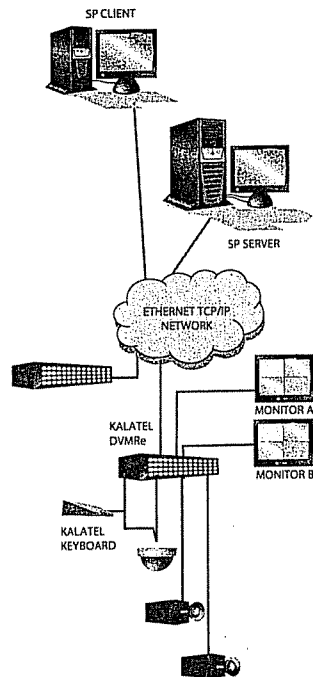
### **Standard Features**

- **Distributed architecture with remote access to locally stored video across multiple facilities—expandable up to 64 DVR connections**
- **User friendly, mouse-driven, command and control interface**
- **Independently drag and drop video display windows anywhere on the desktop across multiple monitors**
- **Simultaneous multi-user access to video, system wide**
- **On-screen PTZ, focus, Iris, and preset camera control**
- **On-screen search and playback controls for reviewing recorded events**
- **Search a selected area of a recorded camera image for motion events over a specified time period**
- **Time zone support for synchronizing Digital Video Recorders regionally**
- **Monitor Digital Video Recorders and camera alarm status system wide**
- **User configurable event triggers that automate camera control and video event tagging based on access control and/or alarm event transactions**
- **Multi-camera event triggers group up to 4 cameras per event**
- **Automatic live video pop-up on alarm events**
- **Pre- and post-event record rates configurable per camera**
- **Quick access to live and recorded video from alarm and activity monitors**
- **Access live video via camera icons from alarm graphics maps**
- **Users can quickly export video events to file or CD**



# Secure Perfect 6.0 Digital Video Surveillance

Advanced Video Integration for Secure Perfect Editions



## Specifications

### System Requirements

A Windows 2000/XP compliant PC configured with a minimum: PIII - 9XXMghz CPU, 256Mb RAM, 10Gb HD, CD-ROM, 10/100Mb Ethernet NIC, Color display support for SVGA 1024x768 at 16 bit color

Actual requirements may vary; increasing memory and processor speed improves performance

### Supported Kalatel Digital Video Multiplexer Recorders

DVMRe Color Duplex - 4, 10, and 16 Channel

DVMRe Color Triplex - 4, 10, and 16 Channel

DVMRe Matrix - 16x5

### Supported Kalatel Keyboards

KTD - 405

CBR - KB3/J

### Supported Kalatel Dome Cameras

CyberDome Series PTZ Interfaces

CBR-PB2-PTZ (ProBridge for DVMRe Duplex)

CBR-PB2-PE (ProBridge for Pelco Domes)

CBR-PB2-PA (ProBridge for Panasonic Domes)

CBR-PB2-CKP (ProBridge for CheckPoint Domes)

Consult with your sales representative for availability of additional PTZ interfaces to other manufacturers not listed



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## Secure Perfect® 6.0

Access Control & Integrated Security Management System

### Overview

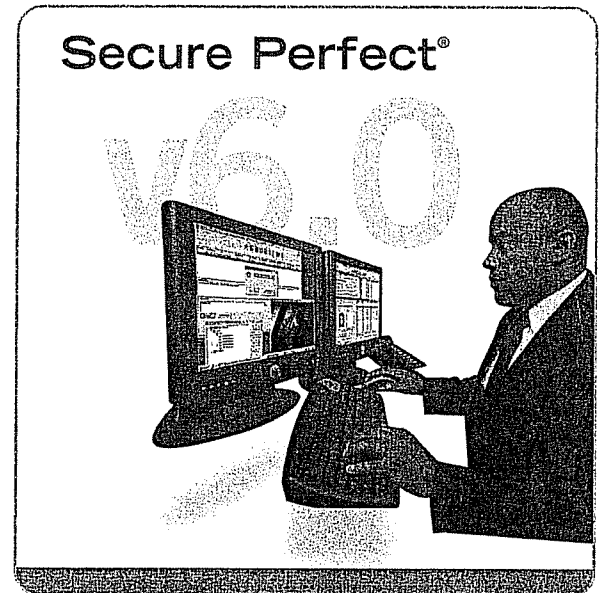
Secure Perfect 6.0 offers powerful, easy-to-use, IT friendly, integrated security management for growing businesses. Secure Perfect is more than just access control and alarm monitoring, it is a complete security management system. Seamlessly integrated in a single application, Secure Perfect uses Microsoft technology standards that make it easy to implement, operate and support. Secure Perfect provides cost-effective scalability for meeting the needs of any size organization, from a small office to a multi-site enterprise.

### Power and ease-of-use

Secure Perfect's intuitive graphical user interface incorporates many Microsoft standards, including quick right mouse button form navigation with data access, context sensitive on-line help, and national language support. Secure Perfect's implementation of industry standard Microsoft technologies provides a system that most security, HR, IT and other business professionals are already familiar and comfortable with.

### High Availability and Flexibility

Designed as a mission critical application, Secure Perfect is built on Microsoft Windows 2003/XP technology, leveraging Microsoft's latest database replication and cluster services to provide a fault tolerant, as well as fully distributed SQL Server 2000 database architecture with endless expansion capabilities. Secure Perfect provides the ability to replicate, in real-time, database information safely across multiple servers. This allows the contents of each regional database server, which can be geographically located anywhere in the world, to be published across all other regional servers—creating a truly distributed database architecture. In addition, Secure Perfect's flexible architecture provides the ability to be configured as a single server system or with a designated database server and one or multiple communications servers. Communications servers can be configured for automatic device fail-over providing redundant paths of communication to ensure that Alarm and Activity monitoring continue uninterrupted in the event of an outage. System administration and monitoring may be performed from any Secure Perfect communication server, designated Secure Perfect clients, Citrix or Microsoft thin clients, or by accessing the system using a standard Web browser.



### Standard Access Control Features

- Access rights for grouping doors and other controlled devices with time schedules to provide increased flexibility over traditional access levels
- Unlimited access rights, issuable per person
- Multiple card support per person
- Time and attendance (T&A) data collection
- Elevator control with floor tracking
- System wide local or global anti-passback (IN/OUT)
- System wide local or global time & attendance (IN/OUT)
- Active or Passive APB and T&A configurable per reader
- Schedulable reader events for automatically switching between card only, card and keypad, and keypad only operation, based on desired level of security by time of day
- Schedulable online/offline reader function
- Schedulable lock/unlock door function
- Access-based intrusion zone control for arming/disarming secured areas
- Card access activity monitor with swipe and show photo ID verification
- DES/3DES encrypted host/microcontroller communications

# **Secure Perfect 6.0<sup>®</sup>**

*Access Control & Integrated Security Management System*

## ***IT Friendly***

Secure Perfect provides complete security system management and integration over standard LAN/WAN infrastructure. Secure Perfect system components are designed to be fully deployed over local and wide area TCP/IP networks using standard 10/100Mb Ethernet connectivity; this includes all workstations, access control and alarm monitoring panels as well as digital video multiplexer recorders for video surveillance. Complete system administration and monitoring can be performed from any Secure Perfect workstation on a network. This means greater system management and monitoring capabilities for remote multi-site applications, with a far more cost-effective and reliable installation than using traditional dedicated leased-lines, dial-up modems, or network terminal server adapters.

## ***Seamless & Open Integration***

Secure Perfect provides a single user interface for integration of the most common mission critical security applications. Secure Perfect's core access control and alarm monitoring capabilities serve as the cornerstone for building a completely integrated security management system, including photo ID badging, video surveillance, full system database reporting, true open database connectivity, and an open application program interface (API) for addressing customer specific integration requirements. Secure Perfect's open architecture database and application components are designed for integration with external applications allowing real-time data exchange with other security and enterprise business systems.

## ***Distributed System Architecture***

Secure Perfect provides maximum flexibility for communications connectivity between system components, workstations and the security management system database server; achieving better load balancing as the system grows for optimized system performance. All access control and alarm decisions are made and processed at the field panel level, providing local real-time response while minimizing network traffic and eliminating or reducing host system decision dependencies. Because distributing system administration and monitoring capabilities is just as important, Secure Perfect also provides logical partitioning of the system database by facility or area of responsibility. System operators can be assigned management, control and monitoring of any and all areas as required. Secure Perfect's database partitioning effectively distributes system administration and management across an organization, reducing the burden of day-to-day operations from a centralized security department.

## ***Lower Total Cost of Ownership***

Secure Perfect is designed for simple and cost-effective system implementation and maintenance, guaranteeing long-term investment protection. Secure Perfect offers a complete line of licensable configurations and software options to cost-

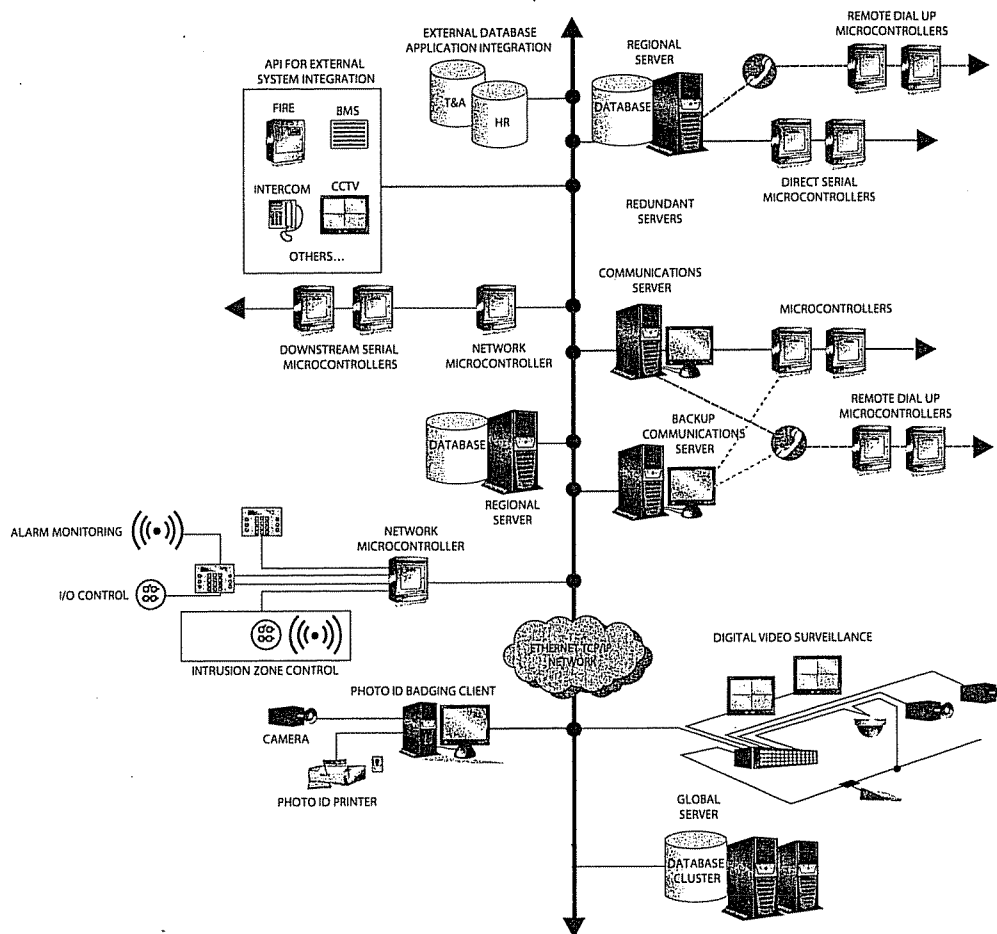
effectively meet the security needs of any size organization. Whether needing to secure a small office or a large multi-site enterprise, an organization can avoid unnecessary investment up front by starting small, and easily upgrading capacities and system options as needed. Because field panel firmware upgrades over time can represent significant maintenance costs, Secure Perfect uses eFLASH technology to remotely download firmware upgrades from any system workstation without requiring deployment of technicians out to the field. e-FLASH enables field panel upgrades to occur quickly and efficiently while the entire Secure Perfect system remains operational—drastically reducing downtime and total cost of ownership.

## ***Alarm Monitoring and I/O Control***

- Local and global alarm I/O linking
- Manual and schedulable alarm monitoring and I/O control
- 2-state and 4-state alarm point monitoring
- Continuous tamper supervision of non-monitored points
- User selectable alarm priorities per alarm
- User definable alarm instructions and responses per alarm
- Alarm monitor for operator assessment and acknowledgment
- Alarm graphics editor and viewer
- Serial CCTV alarm interface for American Dynamics, Burle, Kalatel, and Pelco
- E-mail and pager alarm notification
- Control, monitor, and query for system device status including workstations, microcontrollers, readers, points, and intrusion zones
- Graphical interface to easily create complex time intervals and define time, event, and mode schedules
- Web enabled and thin client enabled with support for both Microsoft<sup>®</sup> Terminal Services as well as Citrix<sup>®</sup> MetaFrame<sup>®</sup> XP.

## ***System Administration and Management***

- Time zone support configurable per workstation and microcontroller
- Microcontroller communications support via direct serial RS232/RS422, dial-up modem, and 10/100mb Ethernet
- Semi-custom report builder with user definable templates including data grouping, sorting, and filtering
- Advanced T&A reporting with hour calculation, time rounding, and history transaction override generator
- External report launcher for custom reports built with Microsoft Access
- A Microsoft open standard SQL database that is ODBC/OLEDB compliant with built in triggers for real-time updates of personnel information from external database applications



- Search on any field with 90 user fields per person
- The ability to select multiple personnel and badge records in applying mass changes
- Context sensitive on-line help
- National Language Support (NLS) with multi-lingual operation in English, Chinese, Dutch, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, and Spanish
- Built in system diagnostics manager for local and remote support
- Network-deployed Secure Perfect software updates

### Software Options

#### Integrated Photo ID Badging

- Capture and display personnel photos and signatures
- Design and print custom photo ID credentials
- Enable photo ID badge production capabilities on any workstation

#### Integrated Digital Video Surveillance

- Supports Kalatel DVMRe product line via Ethernet TCP/IP connectivity
- Real-time event driven camera control and digital video recording
- Quick launch video feature for access, direct from alarm and activity event monitors
- Automatic video pop-up on alarm events
- On-screen PTZ and video playback controls
- Access live and recorded video events from any workstation
- Simultaneous viewing of video across multiple DVMRe units
- Save video image or clip to file
- Export video and QuickWave player onto a CD in the secure .60d file format

- Search a selected area of a recorded camera image for motion
- User permission control of record functions: start/stop recording, save video to file and export video to CD

#### Web-based Report Management

- Deploy access to standard and custom reports for enterprise-wide information delivery
- Serve up to 50 concurrent users via standard Web browser
- Supports database partitioning to filter report data based on assigned operator facilities
- Custom report builder and designer

#### Application Program Interface (API)

- Designed for developers to build custom software applications that seamlessly integrate with Secure Perfect
- Fully documented with sample COM application code for modeling in Visual Basic, C++, and C#
- Real-time event processing and command & control functionality

### 100% GE Quality and Service

The GE name represents 100% high-quality security products, cheerful customer service, and trained customer support technicians to help you with any questions. These are just a few reasons why over 75% of the Fortune 100 companies are using GE access control systems. We invite you to choose GE, the strongest name in security to protect your organization's personnel and property.



# Secure Perfect® 6.0

Access Control & Integrated Security Management System

## Secure Perfect Editions

Cost-effective scalability without sacrificing enterprise-class features and performance

**Secure Perfect eZ Edition** - System starter kits completely packaged for addressing the needs of smaller businesses. Secure Perfect eZ Edition kits are designed exclusively to support the CASI Micro/PX-2000 series controllers and are configured for easy ordering, installation, and start up of new 2- and 4-door systems, while allowing system expansion up to 128 doors.

**Secure Perfect Professional Edition** - For mid-sized businesses that require the flexibility of supporting both CASI Micro/PX-2000 and/or Micro/5-PX series controllers with system expansion up to 256 doors.

**Secure Perfect Enterprise Edition** - For larger businesses and multi-site enterprises that have requirements exceeding the supported Microsoft database server platform and system capacities of Secure Perfect eZ and Professional Edition.

**Secure Perfect Global Edition** - Provides distributed database replication across multiple regional servers allowing for endless expansion. The contents of each regional database server, which can be geographically located anywhere in the world, is replicated across all other regional servers as well as the global server—creating a truly distributed database architecture.

## System Requirements

Server and client workstations require a Windows 2000/XP compliant PC, configured with a minimum\*: PIII - 9XXMghz CPU, 256Mb RAM, 10Gb HD, CD-ROM, 10/100Mb Ethernet NIC, color display support for SVGA 1024x768 at 16-bit color.

\*Actual requirements may vary; increasing memory and processor speed improves performance. Microcontrollers and DVMRs can be hosted by the server and/or client workstations for optimized load balancing across the system.

## System Configuration Guidelines

An average of 32 to 64 microcontrollers and 8 to 16 DVMRs can be hosted per computer, based on system load and PC configuration.

Up to 8 microcontrollers or 64 readers are supported per single communications line.

Microcontroller reader capacity is based on a fully configured logical door that includes 1 door status DI point, 1 door lock DO point, and 1 request-to-exit DI point per reader port. Additional alarm input and output points are not required for standard reader/door control and monitoring on microcontrollers.

## Specifications

SECURE PERFECT	EZ EDITION KITS	PROFESSIONAL EDITION	ENTERPRISE EDITION	Global Edition <sup>3</sup>
Server O.S.	Win2K Pro, XP Pro	Win2K Pro, XP Pro	Win2K Server Win2003 Server or Advanced Server	Win2K Pro, XP Pro Win2K Server Win2003 Server or Advanced Server <sup>1</sup>
Server D.B.	SQL2K (MSDE)	SQL2K (MSDE)	SQL Server2000 Standard or Enterprise	SQL2K MSDE, Standard or Enterprise <sup>2</sup>
Support	PX2K,PXN2K	PX2K,PXN2K, M5PX,M5PXN	PX2K,PXN2K, M5PX,M5PXN	PX2K, PXN2K, M5PX, M5PXN
Maximum Panel Capacity	32	32	256	256
Maximum Reader Capacity	128	256	4,096	4,096
Maximum Input Point Capacity	320	2,560	20,480	20,480
Maximum Output Point Capacity	256	2,048	16,384	16,384
Maximum Person/Badge DB	25,000	25,000	Unlimited	Unlimited
READER CAPACITY	STANDARD	STANDARD	STANDARD	STANDARD
Included with base software	128	256	32	32
Expandable up to	N/A	N/A	4,096	4,096
CLIENT WORKSTATION CAPACITY	STANDARD	STANDARD	STANDARD	STANDARD
Included with base software	Server + 5	Server + 5	Server + 5	Server + 5
Expandable up to	N/A	N/A	Server + 25	Server + 25
PHOTO ID BADGING OPTION	OPTIONAL	OPTIONAL	INCLUDED	INCLUDED
Included with base option	1	1	1	1
Expandable up to	5	5	25	25
DIGITAL VIDEO SURVEILLANCE OPTION	INCLUDED	OPTIONAL	OPTIONAL	OPTIONAL
DVR connections included with base option	1	1	1	1
DVR connections expandable up to	8	16	64	64
REPORT COMMANDER	NOT AVAILABLE	OPTIONAL	OPTIONAL	OPTIONAL
Concurrent users included with base option	N/A	50	50	50
API CONNECTION LICENSE	NOT AVAILABLE	OPTIONAL	OPTIONAL	OPTIONAL
External application connectivity	N/A	Per instance	Per instance	Per instance
TERMINAL SERVICES LICENSE	NOT AVAILABLE	OPTIONAL	OPTIONAL	OPTIONAL
VISITOR SYSTEM INTERFACE	NOT AVAILABLE	OPTIONAL	OPTIONAL	OPTIONAL
DEVICE COMMUNICATION REDUNDANCY	NOT AVAILABLE	OPTIONAL	OPTIONAL	OPTIONAL
DATABASE CLUSTERING <sup>4</sup>	NOT AVAILABLE	NOT AVAILABLE	OPTIONAL	OPTIONAL

## Microcontroller Specifications (per/Micro)

	MICRO/ PX-2000 SERIES	MICRO/5-PX SERIES
Maximum Reader Capacity	4	16
Maximum Auxiliary Alarm Input Capacity	10	80
Maximum Auxiliary Output Capacity	8	64
Access Control Card Capacity	128,000	128,000
Access Control History Events Buffered Offline	8,000	8,000
Alarm History Events Buffered Offline	8,000	8,000
Time Schedules	1,024	1,024
Access Rights Per Person	96	96
Serial RS232 / RS422 Communications	PX Model	PX Model
Dial-up Modem Communications	PX Model	PX Model
10/100Mb Ethernet Communications	PXN Model	PXN Model
Network Fallback to Dial-up Communications	PXN Model	PXN Model

<sup>1</sup>Global Server OS must be Win2K Server or Advanced Server

<sup>2</sup>Global Server DB must be SQL2K Standard or Cluster

<sup>3</sup>Maximum capacities listed for the Global Edition are per Regional Server. A Global Server can support an unlimited number of Regional Servers allowing for unlimited system expansion.

<sup>4</sup>If Clustering is desired, Windows 2000 Advanced Server and SQL Enterprise Edition are required.



Security

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## **Secure Perfect 6.0 Photo Imaging**

*Integrated Photo ID Badging for Secure Perfect Editions*

### **Overview**

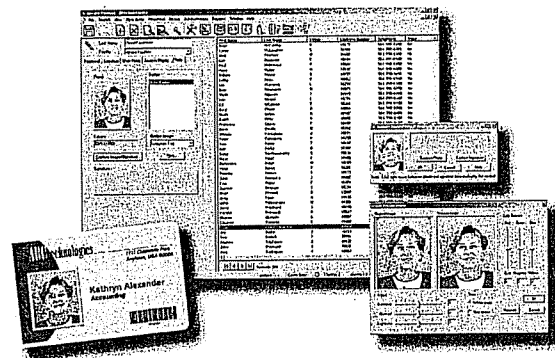
Secure Perfect® Photo Imaging is a fully integrated photo ID badging option for the Secure Perfect Editions line of security management systems. The Secure Perfect Photo Imaging option enables image capture, display, and print capabilities directly within Secure Perfect for producing custom photo ID credentials. Photos and signatures can be easily captured and printed at the time of personnel enrollment and issuance of access control cards. Images are automatically stored in the integrated security management server database and made available on-line, for providing positive personnel identification from any Secure Perfect operator workstation.

### **Ease of Use**

With its user friendly "point and click," drop-down design menu options, you can quickly create professional badge designs complete with photos, signatures, imported graphics for logos and backgrounds, plus static and dynamic text data.

### **Powerful System Management**

Any Secure Perfect workstation can be licensed for enabling the fully integrated Photo Imaging option. Operators can continue to perform access control and alarm management operations while designing, issuing, and printing custom photo ID cards from a single user interface.



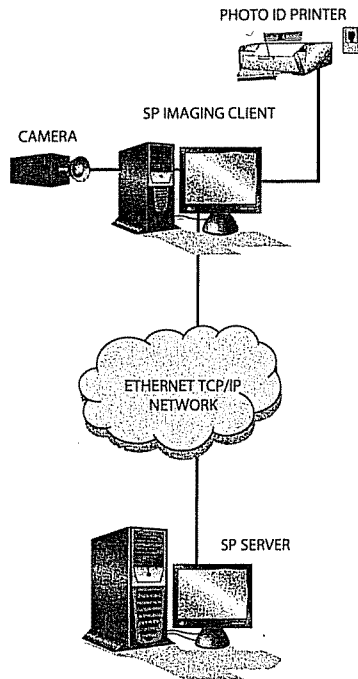
### **Standard Features**

- Badge design utility with full compliment of drawing and editing tools
- Define and edit text and graphic object properties
- Automatic assignment of badge design based on personnel type
- Industry standard barcode library
- Cameo (Chromakey) and ghosting image effects
- Design badges for single and dual-sided printing
- Inline magnetic stripe HiCo/LoCo encoding on Tracks 1, 2, and 3
- Video capture card support for composite, RGB and S-video cameras
- Industry standard TWAIN driver support for other image capture devices including digital cameras, USB cameras, scanners, and signature pads
- Photo and signature image capture from file
- Image cropping and quality enhancement controls at time of capture
- User selectable compression and color depth for optimizing stored image quality and size
- On-screen preview and print
- Support for parallel, USB, SCSI, and network connected printers
- Image export to industry standard formats



# Secure Perfect 6.0 Photo Imaging

Integrated Photo ID Badging for Secure Perfect Editions



## Specifications

### System Requirements

Windows 2000/XP compliant PC configured with a minimum: PIII - 9XXMghz CPU, 256Mb RAM, 10Gb HD, CD-ROM, 10/100Mb Ethernet NIC, Color display support for SVGA 1024x768 @ 16 bit color

Actual requirements may vary; increasing memory and processor speed improves performance

### Compatible Peripherals

CrossMatch Technologies Image Capture: Verifier 250 (USB)

Dazzle Image Capture: Multimedia Digital Video Creator 50 (USB) and Multimedia Digital Video Creator 80 (USB)

Integral Technologies Flashpoint Image Capture: 128 (PCI)

Kodak Image Capture: DVC323 (USB) and DVC325 (USB)

Polaroid Image Capture: PDC2300 Zoom (USB)

Videology Image Capture: High Res Color Camera (USB & S-Video)

Signature Pads: Topaz T-L461 (USB)

Datacard Printers: ImageCard Express, ImageCard III, Magna M2L and Datacard Select

Eltron Printers: P420 and P520

Fargo Printers: 4250, DTC510, DTC720, HDP720, Fargo Pro and Fargo ProL

Nisca Printers: PR5100

Ultra Electronics Printers: Magicard Tango, Magicard Rio and Magicard Turbo / Flip

The compatible peripherals listed are not an endorsement or recommendation of a specific product

Secure Perfect Photo Imaging may support more recently available Windows 2000/XP compatible products

Please note that support for certain Photo Imaging features and functions may be product specific and not necessarily supported by all compatible peripherals



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GE  
Security

OPTIONAL / FUTURE  
Access Control  
Visitor Central Software

## Overview

Visitor Central™, developed by GE, is a powerful visitor management system that offers a scalable, easy-to-use solution for identifying, authenticating and logging visitors. Its intuitive interface and automated features allow for quick and accurate visitor registration, while its integrated photo badging capability ensures every guest is properly accredited for access in and around your facility.

Visitor Central facilitates the implementation of an effective security program by addressing the unique requirements of accepted visitor management practice. It is easily adaptable for a wide range of settings and flexible enough to work effectively with policies that encompass different locations, escort requirements, time periods, schedules and other variables.

In its standalone configuration, Visitor Central offers the benefits of a full-featured management system, complete with Sarbanes-Oxley (SOX) compliant historical records, Web-based appointment scheduling, and quick-service kiosk registration.

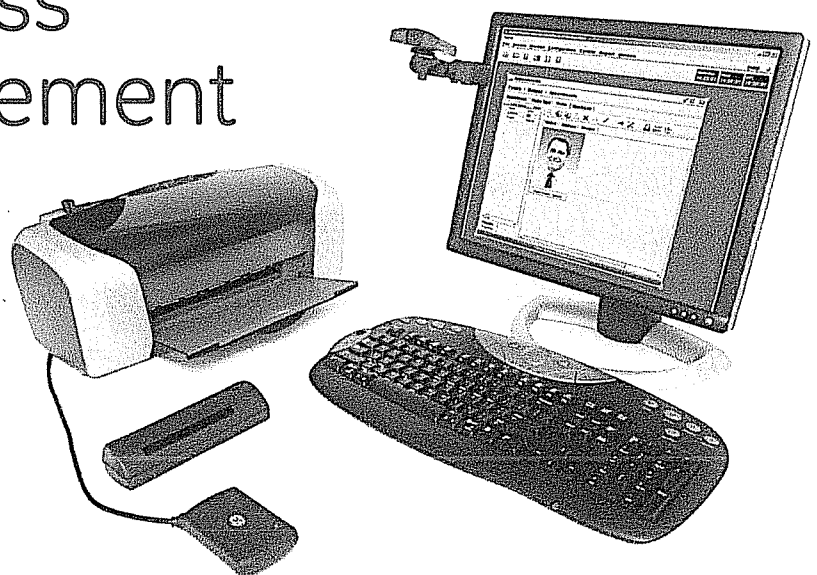
When integrated with Secure Perfect® or Picture Perfect™, also from GE Security, Visitor Central functions as part of an enterprise-wide security and access control system. This permits the assignment of visitor access privileges based on the nature of their visit or who they're seeing, so their movement is restricted and a detailed audit trail is created for every visit.

## Standard Features

- New visitor registrations in 20 seconds or less; repeat visitors in 10 seconds or less
- Integrates with Picture Perfect or Secure Perfect access control to provide the same level of control and tracking with visitors that you have with employees
- Premier Customer Service with pre-packaged, 100% tested, standalone systems that are ready to use; 24-hour component replacement
- Automatically compares visitors to visitor Watch Lists to reduce human error and keep undesirables out
- Provides visitor management and control for both appointments and non-appointments
- Complies with the Sarbanes-Oxley Act (SOX)
- Scalable from a single stand-alone kiosk to multiple integrated enterprise-wide stations
- Convenient Web-based visitor pre-registration
- ID scanning to ensure accuracy and visitor identity
- Facility partitioning
- Comprehensive reporting and database
- Advanced visitor badging; supports all industry visitor badge media
- Unlimited visitor types and visitor Watch Lists
- Group badge pre-printing
- Customizable data entry fields
- Thin client runs remotely on desktops
- Touch-screen kiosks offer easy and fast check-in; minimal data entry

# Enterprise Class Visitor Management

Visitor Central



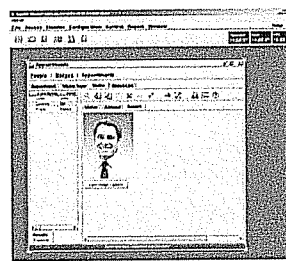
*Visitor Central packs the power of integrated visitor management into a scalable, easy-to-use solution that stands solidly on its own, or works in perfect harmony with Picture Perfect or Secure Perfect access control systems. Visitor Central assigns access privileges based on visitor profiles; or privileges can be assigned manually. Technology badges track visitors and, optionally, provide access while the system maintains a visitor database for comprehensive reporting.*

## Application

Visitor Central is an important security enhancement for any facility where access is granted to outside personnel such as contractors, vendors, customers, and clients. Its convenient recall feature speeds the registration process for returning guests, while its Watch Lists red-flag unwanted visitors such as competitors or former employees. Visitor Central's intuitive interface makes registration fast and simple, eliminating front desk bottlenecks in busy facilities. Its easy-to-use kiosk configuration supports self-registration, so attendants need only to verify the visitor's ID against the registration screen in order to authenticate the visitor. This is convenient for the visitor, saves time for your front desk personnel, and increases accuracy for added security.

## Product highlights

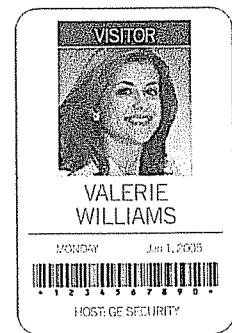
### Web-based Appointment Management



Employees throughout your organization can make and view appointments for their visitors. Employees receive an individual login to Visitor Central, and each employee is assigned individual rights. Rights can be as narrow as granting the employee permission to create an appointment, or as wide as allowing full administrative control. All functions—appointment creation, visitor check-in, and appointment monitoring—are available through a Web browser.

### Multiple Check-in Modes

Attendants or security guards can register visitors whether they have an appointment or not. They are presented with a list of visitors expected at their facility during a specific time period and have the ability to check those visitors in, take a photo of the visitor, scan the visitor's identification, or perform other tasks. Visitors with no appointments can also check-in using a self-service kiosk, or with the help of an attendant or security guard. In self-service mode, Visitor Central functions like an airport kiosk—allowing visitors to take or re-take photographs, scan or input requested data, and produce visitor badges, which may be printed at the kiosk or behind a reception desk.



**Import access control badge-holders as employees**  
Visitor Central makes it easy to import records from your Picture Perfect or Secure Perfect employee access control database. Once in the system they can make appointments and host visitors.

### Export visitors as badge-holders

Easily configure access control system permissions according to visitor type or facility. These group assignments automatically grant permissions as narrow as selected turnstiles or perimeter doors, or as access to as many doors as a typical employee.

## Hardware Requirements

The following are minimum hardware requirements:

- Intel Pentium 4 1.5 GHz
- 256 MB RAM for client PCs
- 512 MB RAM for server PCs
- SVGA Monitor, 1024 by 768 video resolution or greater
- 101 Keyboard
- Mouse or Trackball Device
- Network Card
- 20 GB Hard Drive for client PCs
- 40 GB Hard Drive for server PCs
- Up to 4 available USB 1.1 or USB 2.0 ports

## Software Requirements Prerequisites

The following are minimum software requirements:

### Client PC\*:

OS Requirement (One of the following):

- Microsoft Windows XP Professional and Service Pack 2
- Microsoft Windows 2000 Professional with Service Pack 4

### Server PC\*:

**Setup 1:** (for large organizations with heavier usage)

OS Requirement (one of the following):

- Microsoft Windows Server 2003 R2 Standard Edition
- Microsoft Windows 2000 Server with latest service packs

Database (one of the following):

- Microsoft SQL Server 2005 Standard Edition with a named instance of VCSQL
- Microsoft SQL Server 2000 Standard Edition with Service Pack 4 and a named instance of VCSQL

**Setup 2:** (for smaller organizations with less usage)

OS Requirement (one of the following):

- Microsoft Windows XP Professional with Service Pack 2
- Microsoft Windows 2000 Professional with Service Pack 4

Database (included):

- Microsoft MSDE and applicable patches (Note: The database is provided with the Visitor Central software and does not need to be purchased separately. VCSQL instance automatically installs with Visitor Central)

*\*Internet Explorer 6 SP1 and device drivers for attached peripherals required*

## Ordering Information

Part Number	Description
<b>Visitor Central Software &amp; License</b>	
521242001	Visitor Central Standalone, Single Server Base License & Software
521243001	Visitor Central Integrated, Single Server Base License & Software
970165001	VC Client License
521241001	Non Licensed Replacement VC Software
<b>Hardware only</b>	
410416001	VC Kiosk PC (with flat panel touch screen monitor): 3 year warranty, onsite service
410416501	VC Kiosk PC (no monitor): 3 year warranty, onsite service
420416001	VC Flat Panel Touch Screen 15" Monitor: 3 year warranty, onsite service
410189002	VC Monitor, 17" Gray, SVGA screen
410210001	VC Server Computer, Dell PE1800, Xeon Processor-2.8GHz, 512MB SDRAM, 36 GB hard drive, CD-RW, 4mm tape, Ethernet, external modem, no monitor, no OS/DB, 3-year on-site next business day warranty.
420521001	VC C88 Ink Jet Printer
420520001	VC Color Laser Printer: 35K badges/mo; 2 year warranty
430215001	VC Driver's License Scanner
420624002	VC Camera
390016001	VC Camera Stand
430220001	GE Vicinity and Mifare Desktop Credential Reader
430221001	GE Proximity Desktop Credential Reader
390017001	VC Camera Clamp Mount
<b>Visitor Central Turnkey Package</b>	
521221001	VC Express Kit (server and client licenses, software, kiosk PC, C88 printer, driver's license scanner, camera and stand, VC paper badges)
<b>Optional Software &amp; Licenses</b>	
441519001	Microsoft Windows Server 2003 R2 Standard OS, with five client licenses
441475001	Microsoft SQL Server 2000 Standard Edition with SP4 and a named instance of VCSQL DB, with five client licenses
<b>Media &amp; Media accessories</b>	
380691001	VC Credential Strap Clips, Avery 2923, 250 per box
700220001	VC Paper Badges, for 2-sided print, 2.25" x 3.5", Avery 2943, 500 per box
700221001	Visitor paper badge, portrait, fold & clip, 2.25" x 3.5", Avery 2948, 500 per box
700222001	Visitor paper badge, landscape, fold & clip, 2.25" x 3.5", Avery 2949, 500 per box
700223001	Visitor paper badge, one-sided print, 3" x 4", Avery 2945, 500 per box
700224001	Visitor badge, self-expiring color changing time token, Avery 2970, 500 per box
<b>Protection Plans</b>	
SWVCSS	Protection Plan Visitor Central Standalone Server
SWVCIS	Protection Plan Visitor Central Integrated Server
SWVCC	Protection Plan Visitor Central Client

# GE Security

North America  
T (561) 998-6100  
T 888-GE-SECURITY  
888-(437-3287)  
F 561 998 6224  
E rs-bctinfo@ge.com

Asia  
T 852-2907-8108  
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## Transition Series Multi-technology Card Readers

### Overview

GE Transition™ Series multi-technology card readers feature a revolutionary compatibility with multi-vendor 125kHz Proximity, Mifare (ISO 14443A), and Vicinity (ISO 15693) credential technologies—all in one reader. With this remarkable combination of technology, security administrators can now deploy the Transition readers into existing or new facilities—continue to serve existing card-carrying communities—while implementing a strategy that leverages the latest in security and smart card technology advancements.

No matter what credential technology you currently employ, Transition readers allow continual use and features, but more importantly the ability to transition to new and more secure smart card technology. These readers offer security system administrators an economical solution to migrate to new smart card technologies on their own timelines and budgets to better secure their business.

### Intelligent Supervision

GE Transition Series readers provide superior value when performance matched with select GE access control platforms. Only GE offers intelligent supervision that continuously monitors communication between the access control panel and reader at the door. Door contact and request-to-exit device connections are four-state supervised for cut line, short-circuit, closed circuit and open-circuit conditions. There's also an internal tamper-alarm mechanism. That means your security staff is immediately notified if a reader is tampered with, a door is breeched or circuit is cut or shorted. Tri-state LEDs and audible alerts indicate status, alarm and perimeter-tampering conditions.

### Versatile Security System Compatibility

GE multi-technology Wiegand-output models (T-500W/T-520W/T-525W) work with most types of access control systems that use Wiegand-based data communications up to 64-bits. They are also compatible with access cards using multi-vendor Proximity, Mifare (ISO 14443A) and Vicinity (ISO 15693) technologies.

### Environment Optimization

GE Transition readers also feature an optimization technology that adjusts to a wide range of installation environments. The reader designs accommodate both metal and non-metal environments to ensure cardholders experience consistent reader performance for all types of installations and climates.

### Weather Proof/Lifetime Warranty

Transition readers are made of durable UV-resistant material that inhibits discoloration in all types of indoor and outdoor conditions including direct sunlight. The readers also feature advanced electronics and circuitry for weatherproof protection against inclement weather. Combine all this protection with a lifetime warranty, and any organization can confidently expect years of exemplary reader service.



### Standard Features

- Supports Proximity, Mifare (ISO 14443A), and Vicinity (ISO 15693) technology and credentials
- Accepts 6-16 VDC power input
- Allows easy migration to Proximity, Mifare, and Vicinity Smart Card technologies
- Offers high-reliability, consistent read-range performance, and low-power consumption
- Installs on both metal and non-metal surfaces
- Provides tri-state LED and beep indication for status, alarm, and perimeter tampering conditions
- Internal tamper alarm alerts security personnel if the reader or perimeter is breached

# Transition Series Multi-technology Card Readers

## Ordering Information

Part No.	Description
430209001	T-500SW mullion, gray*
521209001	T-500SW mullion, gray, and M/RJ box*
430210001	T-520SW 1-gang, gray*
521210001	T-520SW 1-gang, gray, and M/RJ box*
430211001	T-525SW 1-gang, gray, and 12 key pad*
521211001	T-525SW 1-gang, gray, 12 key pad, and M/RJ box*
430209002	T-500SW mullion, charcoal*
521209002	T-500SW mullion, charcoal, and M/RJ box*
430210002	T-520SW 1-gang, charcoal*
521210002	T-520SW 1-gang, charcoal, and M/RJ box*
430211002	T-525SW 1-gang, charcoal, and 12 key pad*
521211002	T-525SW 1-gang, charcoal, 12 key pad, and M/RJ box*
430209003	T-500SW mullion, black*
521209003	T-500SW mullion, black, and M/RJ box*
430210003	T-520SW 1-gang, black*
521210003	T-520SW 1-gang, black, and M/RJ box*
430211003	T-525SW 1-gang, black, and 12 key pad*
521211003	T-525SW 1-gang, black, 12 key pad, and M/RJ box*
385001001	*Installation wrench (required)
430209004	T-500W mullion, gray*
430210004	T-520W 1-gang, gray*
430211004	T-525W 1-gang, gray, and 12 key pad*
430209005	T-500W mullion, charcoal*
430210005	T-520W 1-gang, charcoal*
430211005	T-525W 1-gang, charcoal, and 12 key pad*
430209006	T-500W mullion, black*
430210006	T-520W 1-gang, black*
430211006	T-525W 1-gang, black, and 12 key pad*

## Specifications

### Color Options

- Gray, charcoal, and black

### Agency Approvals

- FCC
- CE mark
- UL 294 (pending)

### Physical Dimensions (HWD)

- T-500SW/W: 5.85 in x 1.75 in x 1.16 (148.6 mm x 44.5 mm x 29.5 mm)
- T-520SW/W and T525SW/W: 5.85 in x 4.50 in x 1.24 (148.6 mm x 114.3 mm x 31.7 mm)

### Operating Temperature Range

- -13 to 149 F (-25 to 65 C)

### Relative Humidity

- 0% to 95% (non-condensing)

### Minimum Wiring

- GE F/2F: 4 conductors (minimum)
- Wiegand: 5 conductors (minimum)

### Cabling Distance

- GE F/2F systems: up to 3,000 ft. (914 m)
- Wiegand Output: up to 500 ft (152 m)

### GE System Compatibility

- Microcontrollers: Micro/5-PX and Micro/5-PXN, Micro/PX-2000 and Micro/PXN-2000
- Access Control Software: Picture Perfect Editions 1.7 or higher
- Access Control Software: Secure Perfect Editions 5.0 or higher
- For detailed system compliance specifications, refer to the reader installation guide



**GE Security**

Enterprise Solutions, 791 Park of Commerce Boulevard Suite 100, Boca Raton, FL 33487

Tel: +1 (561) 998-6100 - U.S.A. Toll Free: 1 (800) 428-2733 - Fax: +1 (561) 994-6572 - Internet: <http://www.ge-security.com>



## Overview

The M3000 includes five slots for microcontroller option boards and an internal power supply with battery backup. That gives users flexibility to configure access control and alarm inputs and outputs. A sturdy, all-steel cabinet and key lock secure the components inside. Plus, a tamper-switch-protected door alerts users if the enclosure is forced open.

## Standard Features

- Designed for PXNplus CPU board
- Compatible with Picture Perfect and Secure Perfect
- Rugged all-steel enclosure with key lock
- Removable cover with tamper switch
- Screw terminal connector plugs for error-free maintenance
- Internal power supply with battery backup
- FCC, Class A and CE compliant
- Optional micro/reader junction box
- Optional rack mounting kit

## Configuration Options

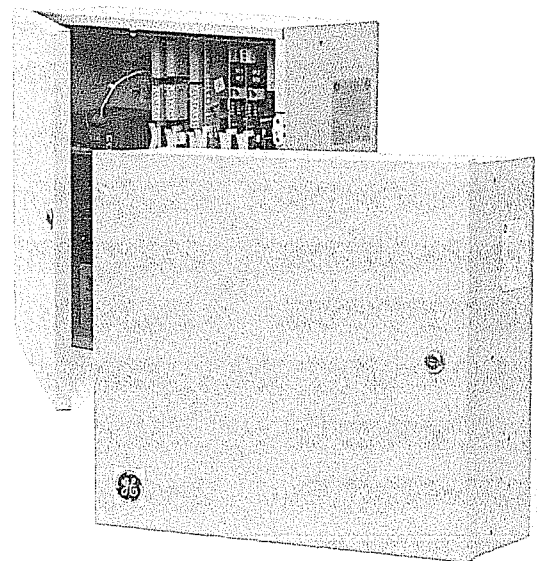
The M3000 enclosure features five open slots for a flexible combination of microcontroller, reader processor and digital input/output boards. With a PXNplus CPU board installed, the M3000 can support up to 16 card readers, 80 alarm points and 64 relay outputs. It can also handle as many as seven downstream microcontrollers, with each group of eight microcontrollers supporting up to 64 card readers. And with the optional M3000 rack mounting kit, the M3000 can mount directly in a standard 19-inch EIA rack. The M3000 occupies 9U within a rack.

## Easy Installation and Maintenance

The M3000 enclosure is easy to configure and maintain in the field. All boards plug into the microcontroller backplane, and the M3000 uses screw terminal connector plugs for all wire connections. That eliminates wiring errors when doing field maintenance, so service is fast and reliable.

# M3000 Enclosure

for Picture Perfect and Secure Perfect  
security management systems



# GE Security

North America  
T (561) 998-6100  
T 888-GE-SECURITY  
888-(437-3287)  
F 561 998 6224  
Ers-bctinfo@ge.com

Asia  
T 852-2907-8108  
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## Specifications

Physical Dimensions	17 in (431 mm) x 15.6 in (396 mm) x 6.2 in (158 mm)
Operating Temperature Range	+35 to +122 °F (+2 to +50 °C)
Relative Humidity	5 % to 95% (non-condensing)
Thermal Air Cooling	At least 6 in (15.2 cm) of clearance is required on all four sides of the controller enclosure
Construction	Galvannealed steel
Finish	Gray powder coat textured paint
Weight	35 lbs
<b>Power (Door Strikes Powered Separately)</b>	
Power Supply	110 or 230 VAC to 12 VDC; 6 amp power supply included 7AH gel-cell backup battery included
Controller Power Requirements	Provided power supply meets all power requirements for this device
Power Dissipation	72 watts maximum
<b>Expansion</b>	
Total Number of Available Slots for Reader, Input or Output Boards	5

## Boards and Devices (Standard and Optional)

Power Communications Board	Included; requires 12 to 15 VDC, 3 to 6 amp power input; 6 amp supply included
2 RP Board	Maximum 4
2SRP Board	Maximum 4
8 RP Board	Maximum 2
CK8RP Board	Maximum 2
20 Digital Input Board	Maximum 4
16 Digital Output Board	Maximum 4
16 Digital Output with Relays Board	Maximum 4
External Modem	<ul style="list-style-type: none"> <li>Optional, 110 VAC - 420173001 (not recommended)</li> <li>Optional, 230 VAC - 420173002 (not recommended)</li> </ul>
Internal Modem	Optional, PXN plus CPU only - 521247001 (recommended)
Rack Mounting Kit	Optional - 521223001

## Regulatory Information

Agency Approvals	<ul style="list-style-type: none"> <li>FCC Class A</li> <li>UL 294 (pending)</li> <li>UL 1076 (pending)</li> <li>CE</li> </ul>
------------------	--

## Notes

- Battery backup provides up to four hours of microcontroller and reader operation under nominal conditions; proximity readers reduce battery life.
- A door strike relay is included with the optional micro/reader junction box.
- Backup power for door strikes must be supplied separately.

## Ordering Information

M3PPMPP	Picture Perfect M3000 PXNplus
M3PPMSP	Secure Perfect M3000 PXNplus
521223001	M3000 Rack Mounting Kit



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## Overview

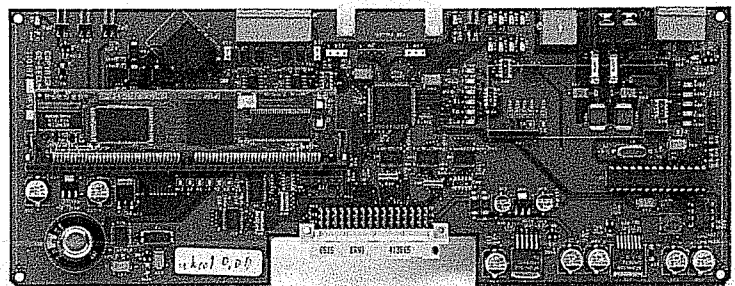
The PXNplus CPU from GE Security is a user-configurable microcontroller for access control and alarm systems that meets U.S. government security standards HSPD-12 and FIPS 201. It serves as the interface between GE's Picture Perfect™ and Secure Perfect® software and card readers, keypads, alarm inputs and outputs using Ethernet or serial communications. Distributed processing allows the PXNplus CPU to operate independently from the host system computer. That means the microcontroller can respond instantly to door control and alarm inputs. And it leaves the host computer free to perform functions like alarm response, database updates and reporting more quickly.

## Standard Features

- Works with Picture Perfect and Secure Perfect systems
- HSPD-12 and FIPS 201 compliant
- Controls up to 16 card readers, 80 alarm points and 64 relay outputs; or M2000 interface board
- Controls up to seven downstream microcontrollers
- Flash memory allows easy, economical remote firmware updates
- 10/100 MB Ethernet or RS-232 serial communications from the host
- Supports static IP, dynamic DNS and DHCP-enabled networking
- RS-422 serial communications between microcontrollers
- Available backup modem communications
- Maintains system configuration in non-volatile memory
- Choice of M5, M2000 and M3000 enclosures

# Network-supported access control microcontroller

PXNplus CPU



## Configuration Options

The PXNplus CPU can be installed in three types of enclosures: the M5, M3000 and M2000. The M5 and M3000 enclosures feature five open slots for a flexible combination of microcontroller, reader processor and digital input/output boards. All option boards plug into the microcontroller backplane for easy, economical field configuration and maintenance. The M5 and M3000 enclosures can support up to 16 card readers, 80 alarm points and 64 relay outputs. The M5 enclosure requires an external 12 VDC power supply; battery backup is recommended. The M3000 includes an internal power supply with battery backup.

The M2000 enclosure supports a fixed configuration of four card readers, 10 alarm inputs and eight relay outputs. It includes an internal power supply with battery backup.

## Communication Options

The PXNplus CPU supports both 10/100 MB Ethernet and RS-232/RS-422 serial communications. Ethernet communications reduces installation time and cost by using existing local area or wide area networks. An optional modem can automatically dial the host if the network or serial connection to the host is lost. If no communication to the host is available, the PXNplus CPU will continue to make access control decisions and buffer events until the connection is re-established.

An optional plug-in modem can be used for primary dial-up communications. It can also be used as a secondary communications channel when network communications is primary.

## Flash Memory

The PXNplus CPU comes with 8 MB of Flash memory, allowing users to upload firmware updates remotely from the host. That saves the time and cost of making service calls to each PXNplus CPU location.

## Advanced Features

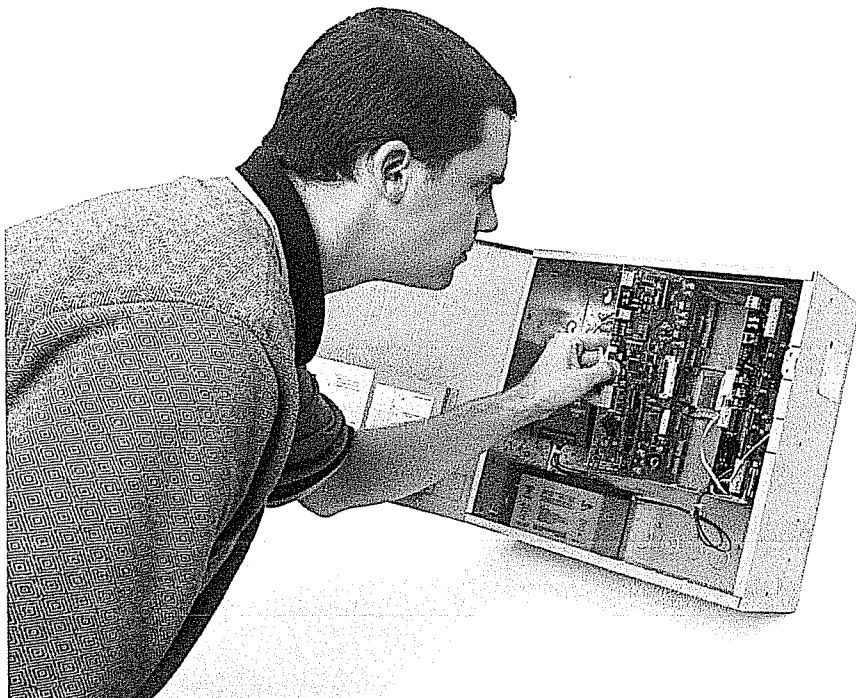
The PXNplus CPU employs an embedded Linux operating system with a full TCP/IP stack. This allows the PXNplus to be configured for a DHCP/DNS or fixed IP network address. With a dynamic IP address, the PXNplus supports network deployments, reducing the time and cost of re-configuring networks. The dynamic DNS also allows users to set up a regional network with backup servers that can take over for any region automatically should a server fail.

Users configure the PXNplus via Web pages from its internal Web server. The CPU's Web server provides diagnostics and log files as Web pages, allowing for remote system maintenance using a standard Web browser.

The PXNplus CPU supports smart card readers for FIPS 201 installations. It supports 64-bit BCD in Wiegand and Supervised F2F formats using 2RP/S2RP, 8RP or WIU-4 reader interface boards.

The PXNplus CPU also features persistent memory. It automatically downloads information about readers, alarms, outputs, schedules and badges when connected to the host. The PXNplus stores the information in non-volatile memory. If there is a power failure and a loss of communication to the host, the PXNplus returns to its previous configuration when power returns. When the PXNplus resumes communication with the host, it automatically uploads stored transactions and refreshes its database.

## PXNplus Installation



## Specifications

Enclosures Supported	M5, M2000, M3000
Interface Boards Supported	2RP, S2RP, 8RP, CK8RP, 20 DI, 16 DO, 16 DOR, PX-2000 interface board
<b>Communications Interfaces</b>	
Direct Serial (RS-232, RS-422)	Supported
Direct Serial Baud Rates	2400, 4800, 9600, 19200
Direct Serial Cabling	Belden 8723, 2-pair shielded, 22-AWG
Dial-up Serial	Requires PCMCIA modem card – 521247001 or external modem Can be used for primary communications or backup for network communications
Network	10/100 MB Ethernet On-board Ethernet RJ-45 connection, TCP/IP
Network, Static IP	Supported
Network, DNS, DHCP	Supported
Operating System	Uclinux
Processor	Xilinx
RAM	32 MB
Flash Memory	8 MB
Applications Supported	Picture Perfect v1.4 or higher Secure Perfect v3.x or higher

### Application Capacities

#### Secure Perfect v6.x

Badge Capacity	128,000
Offline Badge History Capacity	8,192*
Offline Alarm History Capacity	8,192*

#### Picture Perfect v2.x

Badge Capacity	200,000
Offline Badge History Capacity	5,000*
Offline Alarm History Capacity	2,000*

#### Picture Perfect v4

Badge Capacity	145,000
Offline Badge History Capacity	5,000*
Offline Alarm History Capacity	2,000*

\* Default allocation; capacity can be re-allocated between badge and alarm history

### Notes

CPU communications: DES III encrypted.

Not a polled device: The PXNplus CPU is not a polled device, does not use terminal servers for network communications, does not consume network bandwidth and does not create needless network traffic.

## Ordering Information

M5PBMPP	Secure Perfect PXNplus
M5PBMSP	Picture Perfect PXNplus
M5PRMPP	Picture Perfect M5 PXNplus
M5PRMSP	Secure Perfect M5 PXNplus
M2PMPP1	Picture Perfect M2000 PXNplus, 110 VAC, 10/100 MB Ethernet
M2PMSP1	Secure Perfect M2000 PXNplus, 110 VAC, 10/100 MB Ethernet
M2PMPP2	Picture Perfect M2000 PXNplus, 230 VAC, 10/100 MB Ethernet
M2PMSP2	Secure Perfect M2000 PXNplus, 230 VAC, 10/100 MB Ethernet
M3PPMPP	Picture Perfect M3000 PXNplus
M3PPMSP	Secure Perfect M3000 PXNplus
521247001	Optional plug-in dial-up modem, field installed

# GE Security

North America  
T (561) 998-6100  
T 888-GE-SECURITY  
888-(437-3287)  
F 561 998 6224  
E rs-bctinfo@ge.com

Asia  
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# GE Security

# Access Control M Controller Series

## Overview

The M5/M3000 20 DI (Digital Input), 16 DO (Digital Output) and 16 DOR (Digital Output with Relays) option cards provide a cost-effective and convenient interface between the GE access control system and its input and output devices.

M5/M3000 options plug into the backplane. Each option has plugable edge connectors which make field installation and maintenance quick and easy.

## Standard Features

- Compatible with the CASI line of access control systems
- Compatible with all M5 and M3000 microcontrollers
- Options plug into the backplane for quick installation
- Screw-terminal connectors eliminate field wiring problems

## PXNplus, PX and PXN CPU Support

A maximum of four 20 DI, either four 16 DO or four 16 DOR options can be configured into the available card slots in the M5 or M3000. These input and output points are in addition to those provided on the 2RP, 2SRP and 8RP reader processors.

## Supervised DI Points

The 20 DI option has full four-state supervision on all digital input points, providing the means to remotely sense line condition. Supervised states are closed, open, line short and line open.

## Economical

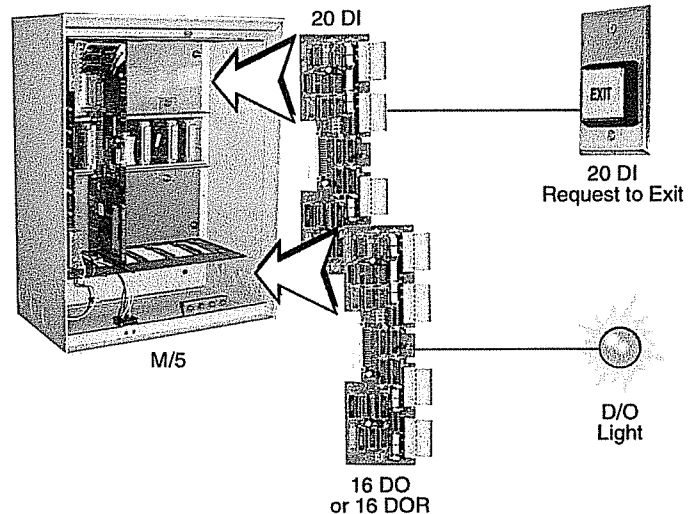
System input and output devices can be located up to 1,000 feet from the related microcontroller. This reduces installation costs, as microcontrollers do not have to be near the monitoring device.

## Flexible DO Devices

The 16 DO and 16 DOR options make it possible to incorporate a complete range of output devices into an access control system. The 16 DO may be used to drive low current or isolated devices or to drive low current devices directly. Alternatively, an external relay may be used for higher current devices. The 16 DOR includes integral relays, each of which can switch up to two amps at 40 VDC. Each card uses auto-reset fuses to protect the electronics from short circuits that may occur during installation.

# I/O Processors

M5/M3000 Options:  
20 DI, 16 DO, 16 DOR



# GE Security

North America  
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T 888-GE-SECURITY  
888-(437-3287)  
F 561 998 6224  
E rs-bctinfo@ge.com

Asia  
T 852-2907-8108  
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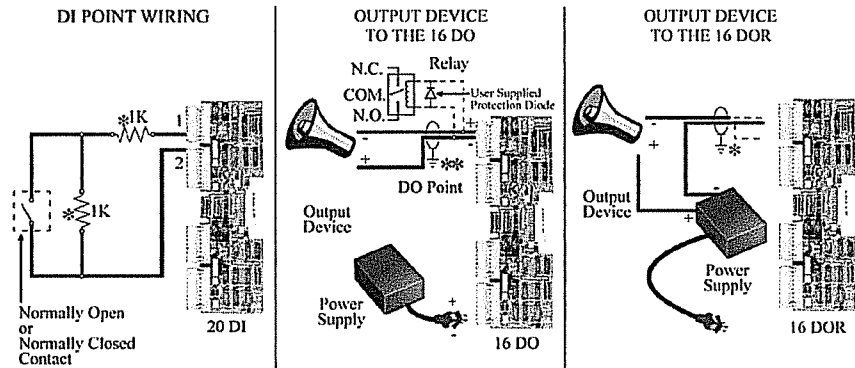
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## Product Content

The 20 DI option board includes the 20 DI board, pluggable screw-terminal connectors and 40 1000 ohm supervision resistors.

The 16 DO and 16 DOR options include the 16 DO or 16 DOR option board and pluggable screw-terminal connectors.

## Configuration



## Specifications

### Configuration

DI point supervision resistors should be installed as close as possible to the point being supervised

16 DO has 16 transistor switches, each able to switch .04A @ 24 VDC 16 DOR has 16 2A @ 40 VDC/30 VAC relays on board

20 DI and 16 DO wiring, 22 AWG shielded, stranded recommended 16 DOR wiring, 12 to 22 AWG shielded, stranded recommended

## Ordering Information

110072003	20 DI M5 Option, 1K supervision resistors included
110071001	16 DO M5 Option, 16 transistor switches, .04A @ 24 VDC (max.)
110078001	16 DOR M5 Option, 16 relays, 2A @ 40 VDC or 30 VAC (max.)

### Notes

An installer-supplied protection diode, IN4002, IN4003 or IN4004, is required for each external relay.

An installer-supplied 5 VDC to 24 VDC power supply is required to drive the 16 DO external relays and attached devices.



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**West Virginia Contractor Licensing Board**

**Number:** WV010229

**Classification:**

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SPECIALTY

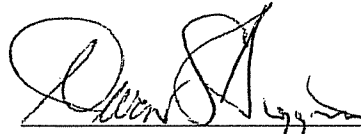
ELECTRONIC SPECIALTY CO  
PO BOX 400  
DUNBAR, WV 25064-0400

**Date Issued**

SEPTEMBER 25, 2006

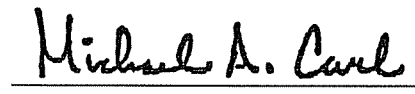
**Expiration Date**

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Authorized Company Signature



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DUNBAR WV 25064-0400

**INSURED:**

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DUNBAR WV 25064-0400

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If the policy is canceled before the expiration date, BrickStreet Mutual Insurance Company will endeavor to mail a written notice to the certificate holder within 30 days of cancelation. Failure to mail the notice shall impose no obligation or liability of any kind upon BrickStreet Mutual Insurance Company.

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**DATE CERTIFICATE ISSUED: 12/21/2006**

**POLICY EFFECTIVE DATE: 1/1/2007**

**POLICY EXPIRATION DATE: 7/1/2007**

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BODILY INJURY BY DISEASE:	\$500,000.00	POLICY LIMIT
BODILY INJURY BY DISEASE:	\$100,000.00	EACH EMPLOYEE

WV BROAD FORM EMPLOYERS LIABILITY ENDORSEMENT -  
COVERAGE FOR WV CODE 23-4-2(d)(2)(ii)

FEDERAL COAL MINE HEALTH AND SAFETY ACT COVERAGE ENDORSEMENT -  
COVERAGE FOR WV CODE 23-4b-1 - FEDERAL BLACK LUNG COVERAGE

**SPECIAL PROVISIONS IF ANY:**

# ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
02/21/06


PRODUCER <b>BB&amp;T-Carson Insurance Services</b> 601 Tennessee Avenue (25302) P.O. Box 6278 Charleston, WV 25362	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.												
INSURED <b>Electronic Specialty Company, Etal</b> 1325 Dunbar Avenue Dunbar, WV 25064-2920	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURERS AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A: <b>Travelers Indemnity Company</b></td> <td><b>25658</b></td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> </table>	INSURERS AFFORDING COVERAGE	NAIC #	INSURER A: <b>Travelers Indemnity Company</b>	<b>25658</b>	INSURER B:		INSURER C:		INSURER D:		INSURER E:	
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INSURER C:													
INSURER D:													
INSURER E:													

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR	ADD'L	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS																				
A		GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR _____ _____ GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	6802525C019	02/19/06	02/19/07	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>EACH OCCURRENCE</td><td>\$1,000,000</td></tr> <tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$300,000</td></tr> <tr><td>MED EXP (Any one person)</td><td>\$10,000</td></tr> <tr><td>PERSONAL &amp; ADV INJURY</td><td>\$1,000,000</td></tr> <tr><td>GENERAL AGGREGATE</td><td>\$2,000,000</td></tr> <tr><td>PRODUCTS - COMP/OP AGG</td><td>\$2,000,000</td></tr> </table>	EACH OCCURRENCE	\$1,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$300,000	MED EXP (Any one person)	\$10,000	PERSONAL & ADV INJURY	\$1,000,000	GENERAL AGGREGATE	\$2,000,000	PRODUCTS - COMP/OP AGG	\$2,000,000								
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PRODUCTS - COMP/OP AGG	\$2,000,000																									
A		AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS _____	BA8122H348	02/19/06	02/19/07	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$1,000,000</td></tr> <tr><td>BODILY INJURY (Per person)</td><td>\$</td></tr> <tr><td>BODILY INJURY (Per accident)</td><td>\$</td></tr> <tr><td>PROPERTY DAMAGE (Per accident)</td><td>\$</td></tr> <tr><td>AUTO ONLY - EA ACCIDENT</td><td>\$</td></tr> <tr><td>OTHER THAN AUTO ONLY: EA ACC</td><td>\$</td></tr> <tr><td>AUTO ONLY: AGG</td><td>\$</td></tr> </table>	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000	BODILY INJURY (Per person)	\$	BODILY INJURY (Per accident)	\$	PROPERTY DAMAGE (Per accident)	\$	AUTO ONLY - EA ACCIDENT	\$	OTHER THAN AUTO ONLY: EA ACC	\$	AUTO ONLY: AGG	\$						
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		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO																								
A		EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE _____ <input type="checkbox"/> DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 5000	CUP2923Y982	02/19/06	02/19/07	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>EACH OCCURRENCE</td><td>\$5,000,000</td></tr> <tr><td>AGGREGATE</td><td>\$5,000,000</td></tr> <tr><td></td><td>\$</td></tr> <tr><td></td><td>\$</td></tr> <tr><td></td><td>\$</td></tr> </table>	EACH OCCURRENCE	\$5,000,000	AGGREGATE	\$5,000,000		\$		\$		\$										
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A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below OTHER	6802525C019 (WV Employers Liability)	02/19/06	02/19/07	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"></td> <td style="width:5%;">WC STATU-TORY LIMITS</td> <td style="width:5%;"><input checked="" type="checkbox"/></td> <td style="width:5%;">OTH-ER</td> <td style="width:30%;"></td> </tr> <tr><td>E.L. EACH ACCIDENT</td><td colspan="3"></td><td>\$1,000,000</td></tr> <tr><td>E.L. DISEASE - EA EMPLOYEE</td><td colspan="3"></td><td>\$1,000,000</td></tr> <tr><td>E.L. DISEASE - POLICY LIMIT</td><td colspan="3"></td><td>\$1,000,000</td></tr> </table>		WC STATU-TORY LIMITS	<input checked="" type="checkbox"/>	OTH-ER		E.L. EACH ACCIDENT				\$1,000,000	E.L. DISEASE - EA EMPLOYEE				\$1,000,000	E.L. DISEASE - POLICY LIMIT				\$1,000,000
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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE 
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GE  
Security

Enterprise Solutions

791 Park of Commerce Blvd., Suite 100  
Boca Raton, FL 33487  
USA

T +1 561 998 6100  
T +1 800 428 2733  
F +1 561 994 6572

May 17,2006

To Whom It May Concern:

This is to inform all parties that Electronic Specialty Company, Headquartered in Dunbar, WV is a "Gold Level Certified" member Business partner of GE-Security.

Electronic Specialty Company's long standing relationship with GE- Security continues to grow and they are a strategic business partner selling, installing and maintaining the full line of GE-Security products including Access control, Video, Intrusion, Fiber and the EST fire products.

With a full staff of certified technicians they represent the represent the finest of our business partners throughout the country.

GE-Security is coming out with a new business partner program But please understand Electronic Security will continue to be recognized as the top level (GOLD) strategic business partner with GE Security.

Roy Anderson  
District Sales Manager  
GE-Security  
(703) 628-2810



1325 Dunbar Ave.  
 P. O. Box 400  
 Dunbar, WV 25064  
 (304) 766-6277  
 Fax (304) 766-6270  
 800-642-5500

## **GE SECURITY Customer References (2007)**

<b>WV Division of Protective Services; State Capitol Complex Security</b> Charleston, WV Mr. Carl R. "Jay" Smithers - <i>Director</i>	<b>4+ Years</b>  304 - 558 - 9911
<b>Barbour County Commission</b> Philippi, WV John Cutwright, <i>Sheriff</i>	<b>3+ Years</b>  304 - 457-4163
<b>Cabell County Commission</b> Huntington, WV Frank Simpson, <i>Courthouse Security Director</i>	<b>6+ Years</b>  304 - 526-8450
<b>Kanawha County Commission</b> Charleston, WV J D Rutherford, <i>Chief Deputy</i>	<b>4+ Years</b>  304 - 357-0150
<b>Wayne County Commission</b> Wayne, WV David Pennington, <i>Sheriff</i>	<b>2+ Years</b>  304 - 272-6513
<b>Charleston Area Medical Center</b> Charleston, WV Mr. P.J. Osbourn - <i>Director of Security</i>	<b>20 + Years</b>  304 - 388 - 5588
<b>The Clay Center for the Arts &amp; Sciences of WV</b> Charleston, WV Mr. Tom Pasenitti – <i>Technical Systems</i>	<b>6 + Years</b>  304 -541-7630
<b>American Electric Power</b> WV, VA, OH, TN, KY Mr. William "Bill" Klick, CFM - <i>Eastern Regional Manager, Facilities</i>	<b>5 + Years</b>  540 - 985 - 2442
<b>Clearon Corp.</b> South Charleston, WV Mr. Tom Schneider - <i>Systems Administration</i>	<b>8+ Years</b>  304 - 746 - 4209
<b>Toyota Motor Manufacturing WV</b> Buffalo, WV Mr. Jay Wolf, <i>Specialist – General Affairs Corp. Administration</i>	<b>10+ Years</b>  304 - 937 - 7205

\* Others available upon request

*The above represents a very small sampling of our long term customer relationships as we continue to be involved in a business relationship with the majority of all major Medical, Industrial, Institutional, Commercial, Government Educational, Church and Recreational Facilities in the State of WV in a multitude of Electronic Systems via Sales, Installation & Service spanning the past Sixty (60) Years.*

*We sell and install and service quality systems*

*Sound . . . Fire Alarm . . . CCTV . . . Time . . . Monitor Control*

WV Contractors License #WV 010229

# THE AMERICAN INSTITUTE OF ARCHITECTS

## AIA Document A310 Bid Bond

KNOW ALL MEN BY THESE PRESENTS, THAT WE Electronic Specialty Company

1325 Dunbar Avenue, Dunbar, WV 25064

as Principal, hereinafter called the Principal, and Ohio Farmers Insurance Company

P.O. Box 5001, Westfield Center, OH 44251-5001

a corporation duly organized under the laws of the State of OH

as Surety, hereinafter called the Surety, are held and firmly bound unto WV State Police

4124 Kanawha Turnpike, South Charleston, WV 25309

as Obligee, hereinafter called the Obligee, in the sum of Five Percent of Amount Bid

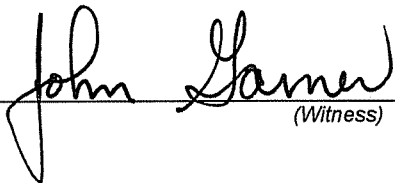
Dollars (\$ 5%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for Provide an upgrade and make additions to the existing card access system - According to Plans and Specifications

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and materials furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 27th day of February, 2007

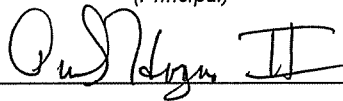
  
(Witness)

Electronic Specialty Company

(Principal)

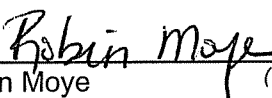
(Seal)

By:



CORPORATE  
SECRETARY

(Title)

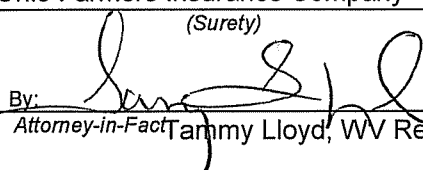
  
Robin Moye (Witness)

Ohio Farmers Insurance Company

(Surety)

(Seal)

By:

  
Attorney-in-Fact Tammy Lloyd, WV Resident Agent

(Title)

General Power of Attorney

Westfield Insurance Co. Westfield National Insurance Co. Ohio Farmers Insurance Co. Westfield Center, Ohio

CERTIFIED COPY

Know All Men by These Presents, That WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, corporations, hereinafter referred to individually as a "Company" and collectively as "Companies," duly organized and existing under the laws of the State of Ohio, and having its principal office in Westfield Center, Medina County, Ohio, do by these presents make, constitute and appoint LARRY D. KERR, GREGORY T. GORDON, H. RANDOLPH NEVILLE, PATRICIA A. FINCKE, STEPHEN B. STOGDEN, PATRICIA A. MOYE, ALLAN L. MC VEY, TAMMY M. LLOYD, KIMBERLY J. WILKINSON, JOINTLY OR SEVERALLY

of CHARLESTON and State of WV its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings, or other instruments or contracts of suretyship-

LIMITATION: THIS POWER OF ATTORNEY CANNOT BE USED TO EXECUTE NOTE GUARANTEE, MORTGAGE DEFICIENCY, MORTGAGE GUARANTEE, OR BANK DEPOSITORY BONDS.

and to bind any of the Companies thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the applicable Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolution adopted by the Board of Directors of each of the WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY:

"Be It Resolved, that the President, any Senior Executive, any Secretary or any Fidelity & Surety Operations Executive or other Executive shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

The Attorney-in-Fact. may be given full power and authority for and in the name of and on behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements of indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed by the President and sealed and attested by the Corporate Secretary."

"Be it Further Resolved, that the signature of any such designated person and the seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signatures or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached." (Each adopted at a meeting held on February 8, 2000).

In Witness Whereof, WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY have caused these presents to be signed by their Senior Executive and their corporate seals to be hereto affixed this 08th day of NOVEMBER A.D., 2006 .

Corporate Seals Affixed



WESTFIELD INSURANCE COMPANY WESTFIELD NATIONAL INSURANCE COMPANY OHIO FARMERS INSURANCE COMPANY

Signature of Richard L. Kinnaird, Jr.

By: Richard L. Kinnaird, Jr., Senior Executive

State of Ohio County of Medina ss.:

On this 08th day of NOVEMBER A.D., 2006 , before me personally came Richard L. Kinnaird, Jr. to me known, who, being by me duly sworn, did depose and say, that he resides in Medina, Ohio; that he is Senior Executive of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, the companies described in and which executed the above instrument; that he knows the seals of said Companies; that the seals affixed to said instrument are such corporate seals; that they were so affixed by order of the Boards of Directors of said Companies; and that he signed his name thereto by like order.

Notarial Seal Affixed



Signature of William J. Kahelin

William J. Kahelin, Attorney at Law, Notary Public My Commission Does Not Expire (Sec. 147.03 Ohio Revised Code)

State of Ohio County of Medina ss.:

I, Frank A. Carrino, Secretary of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Companies, which is still in full force and effect; and furthermore, the resolutions of the Boards of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seals of said Companies at Westfield Center, Ohio, this 21st day of February A.D., 2007.



Signature of Frank A. Carrino Secretary