

PURVIS SYSTEMS

Fire Station Alerting System

Waukesha Fire Department

Budgetary Pricing
December 12, 2016



Performance You Can Count On

Added Value with the PURVIS FSAS

At PURVIS, we believe an effective solution is about more than just the product itself. Our state-of-the-art, turn-key, IP-based solution for Waukesha would include our award-winning product, a proven project approach, an established product management methodology, detailed installation plans, a standards-based testing and cutover program to mitigate operational risks during system implementation, comprehensive training, and a comprehensive warranty and maintenance program. The following are just some of the benefits with the PURVIS FSAS based on Waukesha's requirements:

- ✓ **Central Server:** The core of the PURVIS FSAS is the Central Server. When multiple servers are deployed, each server operates in an active mode and maintains communications with the other server(s), the CAD system, the radio system and the fire stations. In the unlikely event of a server failure, this design ensures no delay or loss in alerting communications associated with other manual and auto-failover systems.
- ✓ **Dispatch Management (DM) Console:** The Dispatch Management Console Software provides the ability to manage, control, test, monitor, configure and manually activate the PURVIS FSAS.
- ✓ **Radio Interface Unit (RIU):** The RIU is rack-mountable device that connects the PURVIS FSAS Central Server(s) with the department's radio system.
- ✓ **Station Control Unit (SCU):** The SCU is installed in each fire station and is responsible for receiving the alerts and activating/updating all of the station alerting devices.
- ✓ **SCU Remote Touch Screen (RTS):** The Remote Touch Screen displays critical FSAS related information to station personnel, including but not limited to detailed incident information, optional mapping to display incident locations, unit acknowledgments and general announcement messages.
- ✓ **Audio/Relay Expansion Module (ARXM):** The ARXM expands the number of audio zones and relays that the PURVIS FSAS can support in each fire station.
- ✓ **Dorm Remote:** The Dorm Remote is a wall-mounted device that has 8 push buttons configured to correspond with the unit types assigned to the station. Using the Dorm Remote, users can select the unit or units that must be activated in the dorm.
- ✓ **Turnout Timer:** The Turnout Timer is a dedicated wall mounted LED timer display. The Turnout Timer begins counting upward in one-second increments when the incident is received at the fire station.
- ✓ **Unit Presence Detector:** The Unit Presence Detector provides detection of apparatus in drive bay locations. This information is used to automatically record true turn-out time on a unit by unit basis.
- ✓ **Printer:** The FSAS Printer is a thermal, rip and run style printer.
- ✓ **LED Reader Board:** The Reader Board provides 4 lines of incident information on a single LED display available in 24" and 60" sizes. The displays are ideal for drive bays or other large spaces where high visibility is required. The 4 lines provide more incident information in a single display which mitigates the need to scroll.
- ✓ **Flat Panel Message Board:** The Flat Panel Message Board is an LED display available in sizes ranging from 24" to more than 60". The display is wall mounted, typically in common and living areas, and is configured to display incident alert information including but not limited to address, cross street, responding units, incident type and turn-out time.
- ✓ **Multicolored Tower Light:** The Multicolored Tower Light is an LED light bar with 5 individual color segments that can be used to indicate unit types or incident types.
- ✓ **Remote Push Button:** The Remote Push Button can be configured for a variety of operations, including manually activation, incident acknowledgements, system tests, doorbells and more.

Budgetary Pricing

Proposed Baseline System

Proposed FSAS Components				
Dispatch Components				
PURVIS Part #	Description	List Price	Qty	Grand Total
315-010100-131	Central Server	\$ 5,975.00	1	\$ 5,975.00
315-020104-131	Dispatch Management (DM) Console	\$ 1,500.00	1	\$ 1,500.00
315-320003-131-1	Radio Interface Unit (RIU) One (1) Audio Channel - 1U	\$ 2,455.00	1	\$ 2,455.00
315-320301-107C	1U RIU Cable Kit	\$ 250.00	1	\$ 250.00
Sub-Total of Dispatch Components				\$ 10,180.00

Budgetary Pricing

Proposed Baseline System *continued*

Fire Station Components				
PURVIS Part #	Description	List Price	Qty	Grand Total
315-030004-131-NN	Station Control Unit (SCU) - No Screen	\$ 17,000.00	5	\$ 85,000.00
315-250005-131	SCU Remote Touch Screen (RTS) - 22"	\$ 605.00	1	\$ 605.00
315-250300-131	Remote Touch Screen Video Distribution - VGA TX/RX	\$ 355.00	1	\$ 355.00
315-250200-131	USB Extender, 1-Port, 150'	\$ 25.00	1	\$ 25.00
315-290001-131	24 Port Network Switch	\$ 715.00	5	\$ 3,575.00
315-441000-131-4/0	Audio/Relay Expansion Module (ARXM) 25/70v, 4 Zone/0 Relay	\$ 2,505.00	4	\$ 10,020.00
315-441000-131-8/8	Audio/Relay Expansion Module (ARXM) 25/70v, 8 Zone/8 Relay	\$ 3,770.00	6	\$ 22,620.00
315-410000-131	Dorm Remote	\$ 80.00	42	\$ 3,360.00
315-400001-131-8	Dorm Remote Gateway (DRG) 8 port	\$ 1,410.00	4	\$ 5,640.00
315-400001-131-16	Dorm Remote Gateway (DRG) 16 port	\$ 1,935.00	1	\$ 1,935.00
315-180101-131	Turnout Timer (Red)	\$ 585.00	5	\$ 2,925.00
315-270000-131	Unit Presence Detector	\$ 800.00	10	\$ 8,000.00
315-270100-131	UPD Rotary Switch	\$ 120.00	5	\$ 600.00
315-170101-131	Rip and Run Thermal Printer	\$ 695.00	5	\$ 3,475.00
315-170102-131	Rip and Run Thermal Printer Stand	\$ 125.00	5	\$ 625.00
315-190000-131-24	Message Board - 24" Monitor	\$ 250.00	42	\$ 10,500.00
315-190400-131	Message Board HDMI Video Receiver	\$ 100.00	42	\$ 4,200.00
315-190302-131	Wall Mounting Bracket, Tilt, 32" to 42" Monitor	\$ 20.00	43	\$ 860.00
315-210001-131	LED Reader Board 60" LED Display, 4 Line	\$ 6,230.00	5	\$ 31,150.00
315-101011-131	Multi-Color Tower Light without Pole	\$ 410.00	10	\$ 4,100.00
315-280002-131-R	Remote Push Button, Red, 22mm	\$ 35.00	5	\$ 175.00
Sub-Total of Station Components				\$ 199,745.00
Sub-Total Proposed FSAS Components				\$ 209,925.00

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Proposed Baseline System *continued*

FSAS Software Licenses				
PURVIS Part #	Description	List Price	Qty	Total Price
315-990000-120	Central Server FSAS Software License (Perpetual)	\$ 10,000.00	1	\$ 10,000.00
315-990001-120	Central Server Database Software License (Perpetual)	\$ 7,535.00	1	\$ 7,535.00
315-990100-120	DM Console Seat License (Perpetual)	\$ 1,500.00	1	\$ 1,500.00
315-990200-120	PURVIS FSAS API License (Perpetual)	\$ 5,000.00	1	\$ 5,000.00
315-990400-120	Text-to-Speech (TTS) Voice Module Software License (Perpetual)	\$ 1,410.00	6	\$ 8,460.00
315-990300-120	Station Control Unit (SCU) FSAS Software License (Perpetual)	\$ 300.00	5	\$ 1,500.00
315-990500-120	FSAS Mobile Alerting Service (Annual - Includes SMS Capabilities and 400 Mobile Application Users)	\$ 4,000.00	1	\$ 4,000.00
Sub-Total of FSAS Software Licenses				\$ 37,995.00
Project Services				
Implementation Services				\$ 187,464.96
Freight/Shipping & Handling				\$ 2,118.30
Sub-Total Required Services				\$ 189,583.26
Grand Total Proposed FSAS Components and Services				\$ 437,503.26

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Pricing Notes for the Proposed Baseline System

Pricing Notes:

- Hardware and services are available by utilizing the Houston-Galveston Area Council (HGAC) or the NPPgov FireRescue GPO contract.
- Pricing assumes that Pro Phoenix will write and interface to the PURVIS FSAS API. PURVIS is not responsible for any costs that the Pro Phoenix will charge the Waukesha Fire Department for the Phoenix CAD integration to the PURVIS FSAS API. The PURVIS FSAS API is included in this price quote.
- Installation costs are not included. Cost estimates based on projects of similar size and scope are approximately \$10,000 - \$12,000 per station. PURVIS will contract with a local vendor for the installation or the Waukesha Fire Department can perform the installation if preferred.
- Pricing assumes that the hardware and services for the Fire Stations specified in this budgetary quote are completed together and at the same time as the Dispatch Center.
- The FSAS Mobile Alerting Service provides FSAS Mobile Alerting Applications, SMS Text Messaging and Mobile Application Management for up to 400 users. SMS Text Messaging & Management does not include text message credits. SMS text message credits can be purchased directly from the SMS Message carrier.
- Final pricing may vary based on the final set of requirements and purchase timeframe
- Grand Total includes a 1 year hardware and software Warranty
- Waukesha Fire Department's Role includes:
 - ✓ Coordination of access to all locations
 - ✓ Fire station site surveys to determine hardware placement
 - ✓ Contract with Pro Phoenix for the Phoenix CAD to PURVIS FSAS API Interface
 - ✓ Provide configuration of the City's IP network between the Central Server and Fire Stations
 - ✓ Provide an audio radio with a microphone in, audio out, and push-to-talk *PTT* capability at the Dispatch Center for each channel/talk group
FSAS alerts will be broadcast over
 - ✓ Provide radio/console programming
 - ✓ Provide one dedicated audio radio at each Fire Station
 - ✓ Supply and maintain the contact information for the individuals to be contacted via auto-generated e-mail notifications.
 - ✓ Provide testing support

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Post Warranty and Software Fees

Post Warranty, Maintenance and Support (Remote Only - 24/7/365)	Total
Year 1	
<i>PURVIS Maintenance & Support</i>	\$ 17,500.00
<i>Text-to-Speech (TTS) Voice Module Software Maintenance (Perpetual)</i>	\$ 1,170.00
Grand Total for Post Warranty, Maintenance and Support and Software Fees	\$ 18,670.00
Year 2	
<i>PURVIS Maintenance & Support</i>	\$ 17,500.00
<i>Text-to-Speech (TTS) Voice Module Software Maintenance (Perpetual)</i>	\$ 1,170.00
Grand Total for Post Warranty, Maintenance and Support and Software Fees	\$ 18,670.00

Services Included in Post Warranty, Maintenance & Support	
Hardware Warranty	✓
Software Warranty	✓
24x7x365 Help Desk	✓
24x7x365 Emergency Service	✓
Software Support (VPN access)	✓
Software Version Upgrades	✓

Post Warranty and Software Fee Notes:

- Remote Support includes 24x7x365 Help Desk support, emergency service support, software support, remote technical assistance, software version upgrades and hardware repair or replacement. On-site technical assistance is also available for an additional price.
- Pricing will vary based on final hardware quantities purchased
- TTS Voice Module Software Maintenance is an annual cost and is required for each Central Server and Station Control Unit