



- For healthcare providers:
- Meet HIPAA requirements for over the air messaging
 - Secure your communications
 - Encrypt your paging messages
 - 128bit AES encryption
 - Simple, web based user interface for key management
 - Hosted service or deployed on site

Prism-IPX introduces new products for encrypting and transporting paging messages to meet HIPAA requirements.

The new Prism-IPX - Hark Tech Paging Encryption Server (PES) provides encryption of paging messages which can be sent to most paging terminal switches or encoder systems that are capable of encoding encrypted messages. Prism-IPX also offers full paging systems and encoder systems with IP based transmitter control to replace outdated or incompatible systems.

Paging systems send their paging messages to the PES via TNPP (serial or IP) as a cap page. Based on the configuration for that cap code the PES will either pass the message unencrypted, or it will encrypt the message before returning it to the sender's system via TNPP ready for encoding and transmission.

The PES is designed to be installed at commercial paging service providers (paging carriers), large private paging system locations or at customers that require their data remain within their network or premises.

Prism-IPX offers a hosted subscription service for customers with smaller quantities of pagers or users requiring encrypted messages.

Also, since TNPP is not an encrypted transport, customers should add the Prism-IPX IPT Server at their site to provide a secure link for the TNPP packets between the IPT and the PES so messages are never "in the clear" anywhere on-site or when message leave the customer's premises.

The PES combines a simple web based management system with a powerful encryption server. The PES web interface offers multiple levels of user access with different permissions. This allows for the control and security of encryption keys within the system.

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The system can be deployed as a single server or on multiple servers to provide resiliency and redundancy. Up to 4 servers can be deployed as a load balanced group offering high availability for critical services and applications.

Currently the PES system supports Unication's encryption protocols for Flex™ and POCSAG digital paging formats. When other paging manufacturers provide their encryption protocols, and as demand dictates, may also be incorporated into the PES system.

“The PES extends the performance, security and operational functionality of our original Paging Encryption Processor, the PEP” said John Bishop, COO for Prism-IPX. “The PEP is a great unit for small systems, but does not include the security and user requirements of a commercial paging carrier or larger system operator. These systems require redundancy, encryption of data within the system, and a fully featured user interface. Smaller system operators may not want to purchase and manage the PES for themselves. This is why we are offering the PES as a service hosted by Prism-IPX. When one of our IPT's is installed at a customer site the communication between the site and the PES will remain encrypted. This meets the HIPAA requirements. USA hospitals in particular now have no reason not to encrypt their paging traffic and be able to comply with HIPAA.”

For further information, please contact Prism-IPX Systems (sales@prism-ipx.com or 678-782-5290).

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