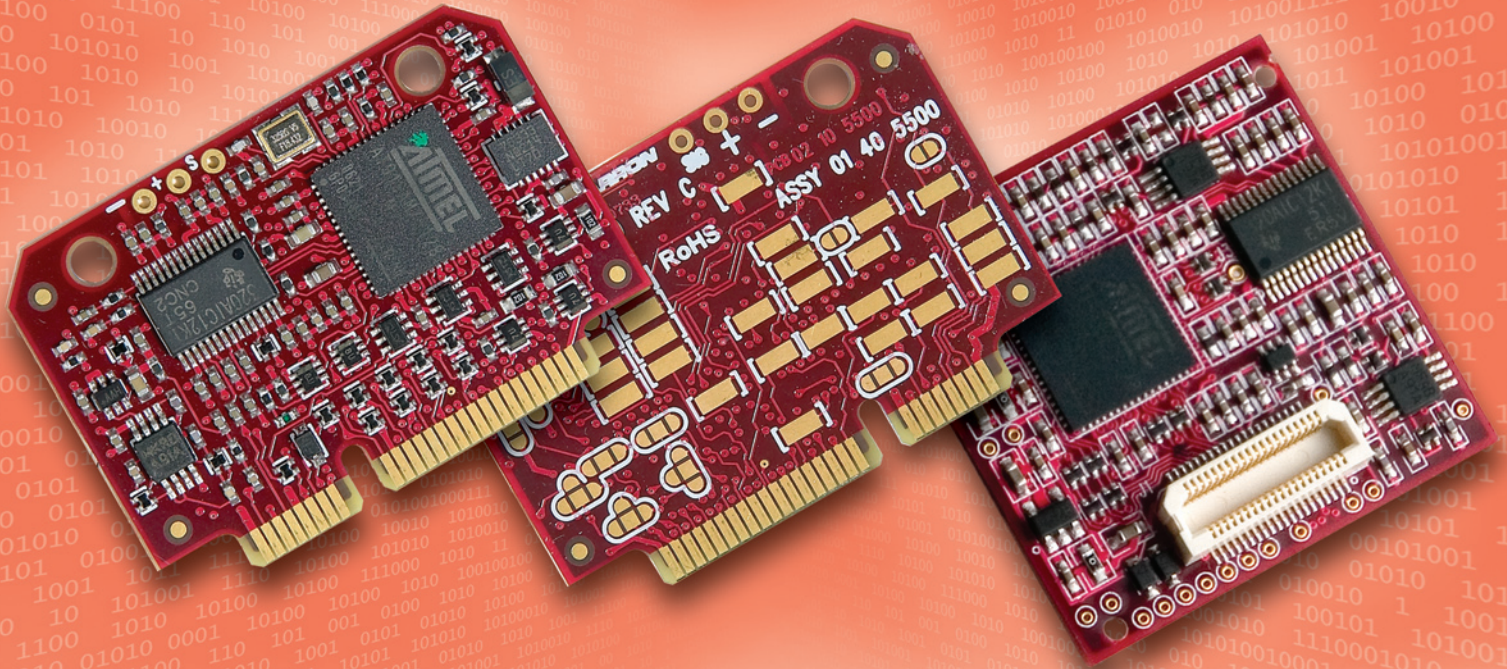


# QuikSync™ Secure Voice



## When Privacy is Essential

Combining High-Security True Hopping Code Encryption with MDC-1200

### Automatic Numeric Identification with Secure Voice Encryption

- Plug-ins for Vertex Standard radios
- Universal Wire-in for most other radios
- Over-the-air-reprogramming (OTAR) available

Cimarron Technologies has created a unique encryption technique that allows users to modify the encryption program to maximum levels that a system can support. This allows QuikSync™ to be used in conventional, voter, repeater or trunking systems.

■ QuikSync™ is capable of 100 hops per second with up to 2000 Hz difference, an industry best.

■ Cimarron's hopping code encryption and decryption algorithm retains excellent voice spectrum for clear transmissions.

■ QuikSync™ provides the user with MDC-1200 encode and decode functions. It also provides the user with PTT ANI, emergency ANI, radio stun, radio enable, microphone monitoring, selective call, call alert, radio check and status message functions. These all easily interface with your existing ANI system and are only available from Cimarron.

 **QuikSync**  
MDC-1200 with **Secure Voice Encryption**

 **CIMARRON**  
TECHNOLOGIES

# QuikSync™ Voice Encryption: When Privacy is Essential

From *The National Institute of Justice* \*

“ Unencrypted public safety voice transmissions can be intercepted, abetting criminal activity, thwarting public safety efforts, and endangering the public and public safety personnel.

Voice encryption helps ensure that voice transmissions can be accessed only by authorized personnel, thereby increasing the safety and efficiency. ”

Cimarron offers **three levels** of encryption to match your needs.

Choose the best encryption level for your needs and your budget. The first decision to make is the decision to secure your voice channels!

\*The National Institute of Justice — the research, development, and evaluation agency of the Department of Justice — is dedicated to improving through science our knowledge and understanding of crime and justice issues. NIJ provides objective and independent knowledge and tools to reduce crime and promote justice, particularly at the state and local levels.



## *Programmable Fixed Inversion*

### **Level I: QS-4000/VQS-400** *Entry-level Security*

- The “first step” into securing a radio system
- The most affordable
- Low security threshold



## *Enhanced Inversion*

### **Level II: QS-4200/VQS-420** *Higher Security with ANI*

- An enhanced, higher level encryption
- Provides better security
- Protects you from the casual scanner listener
- Adds a unique ID for every radio



## *Fast Frequency Hopping*

### **Level III: QS-5000/VQS-500** *Very High Security*

- The maximum protection
- Generates keyed algorithms which are virtually impossible to decode
- Protection from scanner listeners as well as others determined to breach security



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