



SafeNet

Client Need

SafeNet is a global leader in information security, providing solutions through encryption technologies. The company offers a full line of hardware, software, and chips that protect communications, intellectual property, and digital identities. SafeNet needed to develop a demonstration that would showcase how its technology could safeguard content using Digital Rights Management (DRM) and deliver real-time decryption of protected music via smart phone. The mobile application called for the use of SafeNet's on-chip security libraries and dramatically limited power requirements.

Inflection Point Solution

Inflection Point Systems successfully built a secure, DRM demonstration using Windows Mobile and SafeNet's own CGX tool kit through Embedded Visual C++. The solution involved developing a full-fledged music player application that would deploy existing decryption technology in a specialized environment requiring minimal power consumption. By simulating the DRM server access component of the demo, Inflection Point isolated the role of the mobile device in delivering secure intellectual property to the end user. Decryption of the protected content was performed on the fly using SafeNet's technology.

Outcome

SafeNet's management team was able to demonstrate at a European meeting how encrypted music could be securely played on a smart phone. This demonstration, subsequently delivered at multiple EU trade shows, illustrated SafeNet's readiness to offer its solutions to both (a) the mobile device industry and (b) the global marketplace. Inflection Point's nearshoring (U.S. Central Time Zone) facilitated the required rapid development work in dynamic conditions that opened a new realm of possibility in the Mobile Digital Rights Management space.