**FRANCISCO VENTURES®**

Francisco Ventures® is a company committed to developing state-of-the-art platforms which push the limits of cyber security, engineering, small form factor and low power consumption. In addition to development of secure platforms and engineering expertise, Francisco Ventures® develops innovative products that run on these platforms for both commercial and government applications.

For years, companies continue to choose their own embedded board from a huge variety of embedded solutions in order to meet custom needs - but those often do not meet the criteria of cyber security. Our tiny computer platforms enable many companies to secure their embedded solutions on top of their chosen commercial hardware platforms - which in many times lack security by design.

UNIVEX™ & QUAM™ series were designed to operate as a complete and isolated hardware based secure computer systems, thus making UNIVEX™ & QUAM™ a powerful platforms to develop and design security applications ,run multiple operating systems, store sensitive information, provide high identity protection, create a hardware based VPN tunnel and even implement a complete RISC-V CPU over the Xilinx FPGA Core.
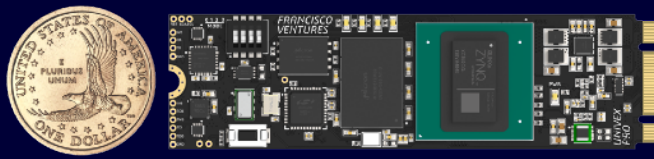

The embeddable UNIVEX™ Pro & QUAM™ Q7 series integrates a powerful Xilinx® MPSOC Ultrascale+ core for secure, high performance design flexibility and unique protection, combining physical sensors with top-notch security elements. These rich features create a complete, isolated and secure embedded computer in a tiny Mini-PCIe or M.2 form factor.

<u>Francisco Ventures® Products and design philosophy is to provide the best of two worlds</u> :

* Development teams continue working with their own embedded hardware without any significant change
* UNIVEX/QUAM plugged on top of supported embedded hardware in order to allow isolation of sensitive operation from the main board (such as : encryption, decryption , firmware verification , VPN, secret keys , physical factor authentication, anti tampering, intellectual property protection, etc..)
* Francisco provides an open system for loading various operating systems, while the customer board (embedded host) is running its own operating system , This design will help to completely isolate between secure and unsecured zones and help development teams to focus on the app instead of the security - while the security experts can focus on the security side and write their own secure API/App within Francisco hardware platforms inside.
* Francisco's tiny secure computers enable companies to secure their embedded solutions on top of their own Hardwares.
* In addition, by using Francisco's hardware ,companies can now easily transform from one embedded platform to another.
* For more information please visit: https://francisco.ventures

Typical use cases are:

* Secure Embedded platforms
* Intellectual Property Protection (company source code, firmware or any sensitive data)
* Hardware & Software isolation - Provides an isolated embedded platform for sensitive data processing
* VPN - create E2E secure communication
* ZeroTrust & Identity Protection (Hardware & Software)
* RISC-V implementation over Xilinx FPGA
* Secure Real time applications
* IoT & Cloud security (Servers)
* Physical Factor authentication
* Cryptocurrency Protection
* Protecting critical infrastructure
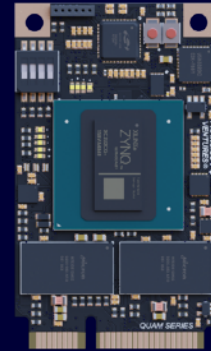
FRANCISCO VENTURES® ,specializes in nation-states cyber security and develop innovative technologies for governments and corporations to overcome sophisticated challenges. The company design and manufacture proprietary security products and focuses on providing cutting edge technologies based on unconventional thinking and decades of expertise in the national grade cyber security.