

Qwyit®



- Patents, papers, products, independent reviews
- H/W 256-bit encrypt in *one clock cycle w/unique key (fastest possible)*
- **IoT, AI, autonomous cars, mobile, storage, health, entertainment, gov**
- 2021 Global Semiconductor Industry sales will be **\$460Billion**
- 2021 Global Cybersecurity products and services will be **\$1Trillion**
- 3rd Year Profitability **\$31Million opportunity (10X)**
- 10 year 25% penetration would yield **\$358.25Billion**

CyberSecurity Problem



- Without a Universal Security Process, *cybercrime will continue*

Authenticate & Encrypt Everything , Everywhere, All the Time

- **Speed** – Within protocol latency; storage, transmission, any OSI layer
- **Efficiency** – In every H/W device, S/W control; no degradation
- **Flexibility** – Every type of implementation, network, trust model
- **Security** – Perfectly Secret, e.g., Quantum Safe

Qwyit Technology is The Answer



- **Speed** – *One clock cycle performance*
- **Efficiency** – *<300 SLOC, no bandwidth expansion or degradation*
- **Flexibility** – *Code, trust model, Continual Authentication & Encryption*
- **Security** – *Shannon's defined Perfect Secrecy in an Ideal System*

Qwyit Works Anywhere, Fits Everywhere, Delivers All The Time

Qwyit Technology is Ready Now



➤ Commercially Ready

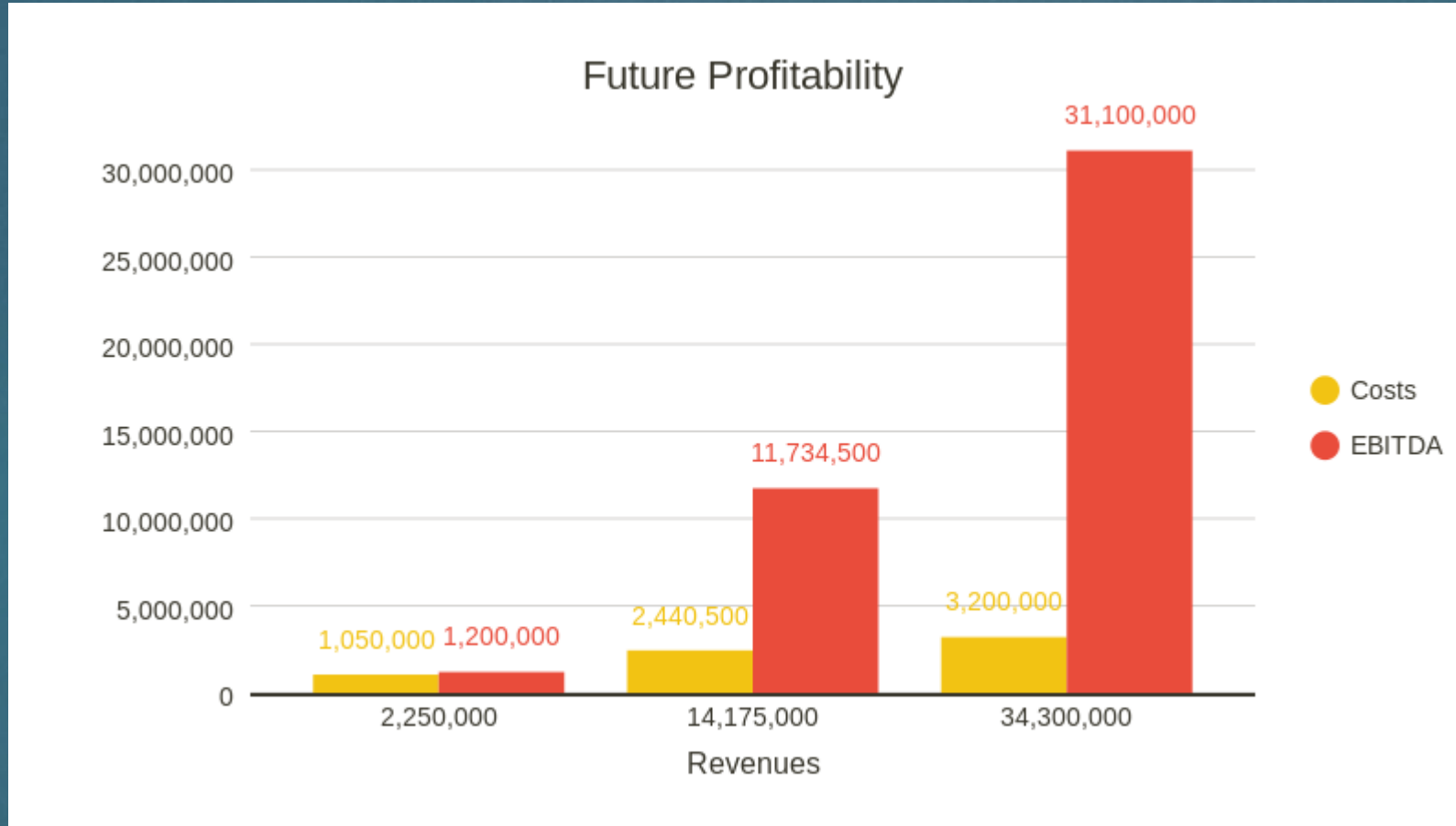
- Protocols – Complete Authentication and Encryption
- Validation – Several independent Expert reviews
- Prototype/Demo – FPGAs (Arria V and Achronix ACE)
- Complete development kits
 - H/W Code, S/W SDKs, QwyitKey™ key management platform

QwyitLab™ Business Model



- ▶ Build the QwyitLab™ as a demonstration lab for superior Qwyit™ security technology integration and proliferation
 - ▶ Like Dolby™ Labs, QwyitLab™ will integrate superior component security tech into data communications/storage products called Reference System prototypes
- ▶ License resulting Reference Systems to market participants
- ▶ Initial IoT industry focus: Medical/Health Device systems, VoIP
 - ▶ QwyitSDK™ and QwyitKey™ allow simple, straightforward operation/support

Finances



Use Of Funds
\$3M investment for 30%

Labor: \$1M
QwyitLab™ : \$500K
Demo Days: \$500K
Mths 6-12, All \$1M

- Labor is 7-8 fulltime staff, 4 Mgt, 3-4 Engrs
- Burn rate for 6 month startup to 1st license
- Financial Projections begin at month 7, initial profitability at end of Year 1

Tech and QwyitLab™ Ex/Demo



“Extraordinary claims should require extraordinary evidence to be believed.” -Kevin Kelly (*Wired*)
Thomas Edison lit up New York to *prove* how the world would change.
QCy™ H/W encryption in **one clock cycle**, to *prove* the future of security.

Click the video
(or [here](#))



Further Information



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All truth passes through three stages. First, it is ridiculed. Second, it is violently opposed.

Third, it is accepted as being self-evident. - Arthur Schopenhauer