



RougeTek

MVP Funding Presentation

May 2017

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Overview

RougeTek has developed a SaaS encryption platform that employs proprietary machine learning technology to predict cyber threats and protect its customers' data.

As a result, every RougeTek customer can benefit from **enterprise grade encryption while roaming**.

The Problem: Web Security is Elusive

The threat of cyber attacks against both corporations and individuals is greater than ever before. Users do not feel secure when roaming the web.

- Mobile users are constantly switching connections without any assurance of their security
- Increasing prevalence of the IOT leads to increasing points of vulnerability
- Corporations are looking for security solutions that require neither hardware nor significant expense
- Current solutions struggle to manage considerable telemetry data
- Malware, viruses, and other security threats are increasingly sophisticated, and existing solutions struggle to predict perpetually evolving methods of attack

Our Solution: Cybersky

Cybersky software leverages both the cloud and machine learning in order to provide any device with enterprise grade encryption.

Users can roam any wired or wireless connection while maintaining encryption and without fear of vulnerability to malicious attacks.

Cybersky: Basic Functionality



User

- User initiates connection
- Cybersky's proprietary GPS technology classifies the connection
- If the connection is rogue or insecure, Cybersky prevents connection
- Connection data is sent to the cloud, where Cybersky's proprietary algorithms employ machine learning to analyze attack patterns
- Resulting analysis improves future security for all users

Connection



Cybersky Advantages

The Ease of Software

Cybersky requires no hardware, instead functioning as an application that can easily reside on:

- Mobile devices
- Desktop computers
- Servers
- Any IOT device or home smart hardware

The Benefit of Proprietary Technology

- Cybersky encrypts all activity – Data transfer, voice and video calls, and texts
- Verifies trusted web connections using proprietary GPS classification technology
- Employs machine learning to fix both wired and wireless connections
- Utilizes telemetry data and further machine learning to analyze future attacks, threats, and anomalies, increasing the quality of future user protection

The Flexibility of the Cloud

- Combined telemetry data is stored in the cloud, creating a robust repository of data to improve future machine learning
- Data is backed up by both AWS and local data centers, providing disaster recovery and traffic shaping
- Partners are provided with portal-based access
- Global location based repository
- Proprietary AAA authentication for OSU sign-up

The Customer



Consumers

Affordable, subscription based service provides individuals with the comfort of security over any connection.



Internet Service Providers

Enhance the quality of their offering for all customers by creating a powerful, encrypted, and seamless roaming wireless service.



Internet of Things

A security solution for this growing but vulnerable market, keeping sensitive, personal data safe from attack.



Corporations

A one-stop encryption solution to meet the rapidly increasing enterprise-level demand for cybersecurity.

The Opportunity

Cybersecurity is one of the fastest growing sectors in technology.

There is currently no enterprise grade encryption software available to individuals, corporations, or the growing IOT market. Existing hardware solutions are both expensive and impractical.

\$81.6 BILLION

Estimated Cybersecurity Market 2016

(Gartner Inc August 2016)

\$101.6 BILLION

Estimated Cybersecurity Market 2020

(IDC October 2016)

Competitors

WHISPERSYSTEMS

- Whisper Systems develops mobile apps for Android and iOS that allow users to communicate via encrypted calls or SMS/MMS at no charge.
- This popular service provides no data encryption, only protecting text and phone communication.



- GlobalReach works with ISPs to create secure, large-scale wireless networks.
- However, the company only works with ISPs, creating security that originates from the connection rather than the user.



- Crowd strike is an antivirus & malware protection start up company that leverages Machine Learning to prevent cyber attacks.
- Currently holds a 1 Billion Dollar Valuation
- Still does not provide encryption and does not offer secure roaming capabilities.



- Encrypts all use: Data, texts, calls.
- Provides enterprise grade encryption.
- Offers secure roaming capabilities, not limiting users to a single ISP or network.
- Leverages machine learning real time protection to constantly improve the quality of its security, virus protection and encryption

Rapid Path to Market

RougeTek is currently seeking an investment of \$1.5 million in order to implement its patent pending technology and complete the development of a Minimum Viable Product for Cybersky by the conclusion of 2017.

Development Hires and Consultants	\$1.3 million
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Hardware and Data Center Costs	\$0.1 million
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Corporate Expenses	\$0.1 million
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Total Use of Proceeds	\$1.5 million
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Experienced Leadership

John Miller – Founder

- Nearly three decades of IT experience.
 - Extensive work as a Senior Solutions Architect for Microsoft and various Microsoft Partners, including multiple Fortune 100 companies.
 - Overseen the creation of both teams and proprietary technologies for both these Partners and previous start-ups.
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Jeff Chu – Operations

- Almost a decade of experience in Information Technology consulting for Accenture.
 - Delivered both multi-million and multi-vendor technologies for leading retail and telecom corporations across Canada.
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Brian Jenkins – Engineering

- More than 25 years of software development experience across a variety of platforms, including developing for both the cloud and mobile.
- Extensive expertise in designing and implementing architecture solutions.