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## Product Solution Description



Submitted to Los Angeles Police Department, RHD

October 2020

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## 1. Executive Summary

Cobwebs Technologies is pleased to submit to LAPD, RHD a proposal for our **TANGLES & LYNX** SaaS platform.

We provide an end to end SaaS solution, assisting the users during the whole investigation process. From finding target leads to performing the analysis of their connections, profiles and locations to the last step of target engagement and intelligence extraction.

There are many use cases of Cobwebs technology for law enforcement in combating major crimes, violent crimes, drug & human trafficking, counterterrorism, cybercrime, public opinion and politics related. Aside from traditional use cases, Cobwebs Web Intelligence platform is also great tool for investigation and intelligence across other types of cases while allowing for the easy exchange cross agencies or inter department.

Cobwebs is certain that this system will help LAPD to handle suspicious targets more efficiently. They will be able to prevent entry of any such suspects with all information pre-analyzed and available to them even before suspects arrive at various locations and or events.

Cobwebs is pleased to present this proposal while considering your requirements to the best of our understanding. We look forward to having ongoing discussions.

Thank you for your considerations.



## 1.1 Tackling WEBINT Challenges

### Tactical Web Intelligence

The past two decades have seen the World Wide Web grow and expand at an incredible rate in terms of accessibility, availability and volume. The internet holds vast amounts of information about people, places, enterprises and organizations. In recent years, social networks have taken a key position in the flow of information across the web and around the globe.

The vast spread of social media and internet related applications has become a major tool used by civilians and criminals alike. Terrorists and other groups exploit the easy worldwide access to spread their agenda, cause incitement, recruit members and connect to other targets and groups.

In essence, the internet has been transformed into the most up-to-date open source of information, making it one that can no longer be neglected by any intelligence organization. The usage of web intelligence has become a crucial part of investigations. Open source web data can provide valuable operational information for extracting target-oriented and public-related intelligence, making Internet monitoring critical to an investigation workflow.

Tactical web intelligence is a new and advanced field of intelligence, one which provides information about current incidents and targets instantly. It can be generally explained as extracting targeted information from big data.

## 1.2 About Cobwebs Technologies

Cobwebs Technologies delivers decades of experience in the global intelligence market. Our team of experts is comprised of leading military and intelligence minds, with a niche expertise in the web intelligence sphere from our years of active involvement in industry-related projects. Field and practical experience, combined with a proven track record of successfully integrating into collaborative projects, have collectively led us to identify inadequacies in intelligence solutions. We specifically noticed that today's intelligence solutions often present challenges coping with current technological and operational obstacles with efficiency.



### 1.3 Recent Awards

Based on its recent analysis of the global artificial intelligence (AI)-powered Web intelligence market, Frost & Sullivan recognizes Cobwebs Technologies with the 2020 Global Technology Innovation Award for leveraging machine learning (ML) and AI-powered analytics to develop industry-leading Web intelligence solutions. Our unique game-changing solutions empower organizations to search, and analyze information across the open, deep, and dark Webs to solve cases quickly, identify new threats and prevent incidents. The technology enables clients to search single leads and develop case investigations with information gathered from multiple sources, increasing security analyst teams' productivity.



*"Cobwebs integrates its solution with streamlined AI and ML analytics algorithms that help law enforcement agencies and other clients to scan myriad data sources based on operator-provided search terms. It displays any relevant information through an intuitive user dashboard, allowing organizations to build reports or suspect cases rapidly," said Danielle VanZandt, Industry Analyst at Frost & Sullivan.*

### 7.3 Client Workstations or PC

Tangles supports multiple concurrent client workstations. This architecture provides the security operations with the flexibility to install Tangles client workstations anywhere within the enterprise. The client application is web based and doesn't require installation on the LAPD computers / laptops. The customer will access the server via defined URL/IP and using his credentials.



## 7.4 Tangles Client Requirements

The table below details a typical hardware configuration for a user's desktop.

Component	Requirement
CPU	Intel Core i5 Quad Core 2.8 GHz or higher with 8 MB L3 Cache or higher
Memory	8 GB RAM minimum
Hard disk	256GB Solid State Drive (PCIe recommended)  40GB of free space on the hard drive
Drive	DVD drive
Display	At least one 22" or larger monitor is required, two monitors or more are recommended.  Each monitor should support a minimal resolution of 1280 x 1024 pixels.
Display Adapter	An OpenGL 2.1 compliant PCI Express x16 video adapter with a minimum of 1024 MB RAM, by NVIDIA or ATI.  Depending on the number of screens and connectivity type, support for Multiple SVGA / DVI outputs are encouraged.  Alternatively, it is possible to install two identical display adapters, each supporting 2 SVGA / DVI outputs - as long both adapters are the same make and model and conform to the above specifications. Recommended card for 2D: NVIDIA® NVS™ 510 or NVIDIA Quadro  2000 series  <b>NOTE:</b> NVIDIA video cards are recommended for optimal display with Keylines Graphs.
Network Adapter	2*1 Gbps
Other	Keyboard and mouse, or compatible pointing device

Table 4: Tangles Client Hardware Requirements

## 7.5 Tangles Client Software Requirements

- Microsoft Windows 7, 8.1 Professional 64-bit, or 10.0 Professional 64-bit
- Chrome Browser Version 49+