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Remote Control System

Budgetary Proposal

April 14th 2015

NEW YORK COUNTY DISTRICT ATTORNEY'S OFFICE

Att. David Stuart

Offer # 20150414.005-I.MB

Subject: Budgetary Proposal for RCS Mobile Platform 10 Agents

Dear Mr. Stuart,

As for your kind request, please find the budgetary proposal regarding the Remote Control System – Galileo reserved to New York County District Attorney's Office.

This budgetary proposal includes 3 main components:

- Upfront License fees for the Remote Control System Software
- Professional Services for training and assistance and App support
- Exploit Delivery Services Annual Subscription

The Remote Control System Software has been specifically configured to the needs of the New York County District Attorney's Office. It includes:

- 1 Master Node Shard
- 2 Collectors
- 6 Anonymizers
- 10 Console Users
- Physical Infection Vectors (by default)
- Android and iOS Mobile Platforms
- 10 concurrent Agents
- 1st year Maintenance & Support

Professional Services to assist the New York County District Attorney's Office ramping up in the use of the Software include:

- Software Installation (1 or 2 days)
- Foundation training (9 days for up to 6 attendees)
- Advanced training (5 days for up to 6 attendees)
- 3 x 1 week of on-site Assistance spread over the first 3 months
- App support project

It is however understood that this proposal and the agreement subsequent to your acceptance shall be automatically terminated pursuant to Sections 1353 and ff. of Italian Civil Code should any necessary license or authorization required for the export of the product - under Italian laws, the EU legislation and/or any other applicable laws - be not granted to HT within a period of 120 days from the date of your acceptance. It is also understood that HT shall give notice of the occurrence or the non-occurrence of the Condition in a timely manner, being further agreed that the above condition subsequent can be waived by HT also after its occurrence.

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Don't hesitate to contact me for any further information.

With best regards,

*Marco Bettini
Sales Manager
HT S.r.l.*

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Remote Control System Description

Please refer to the following document for technical description:

- *HT_Galileo_SolutionDescription_2.4*

Remote Control System Technical Requirements

Please refer to the following document for technical requirements:

- *RCS9_Technical_Requirements_v2.3.4.pdf*

Professional Services: Installation and Foundation Training

1. Installation

The solution will be installed at Customer Site by HT field application engineers.

Duration of the activities is actually planned for one (2) working days and it will be under Customer responsibility to prepare the Operation Environment as indicated in the Technical Requirements document.

2. Foundation Training

Following the installation, we will provide nine (9) days of training focused on the usage of Remote Control System Galileo. This training will be performed at Client Site.

Please refer to the following document for product training:

- *HT_Galileo_Product Training_v1.4*

3. Maintenance & Support

Maintenance for one (1) year is included.

Please refer to the following document for Maintenance and Support:

- *HT_Galileo_SolutionDescription_2.4*

4. On Site Assistance

On-site assistance is delivered, if requested, by a HackingTeam Field Application Engineer (FAE) to assist the end user in the daily activities.

Remote Control System Galileo – Quotation

The Remote Control System Software includes all the components and main features needed to implement essential functionalities as requested by the New York County District Attorney’s Office.

REMOTE CONTROL SYSTEM SOFTWARE		
Description	Product Code	Upfront License Fees in \$ USD
<p>Galileo RCS Master Node</p> <p><i>License for one (1) Master Node Server Software.</i></p> <p><i>The Master Node is the Back-End server of Remote Control System. It comprises the databases of agents, targets, evidences and operations, the storage and the business logic of RCS. The Master Node consists of Shards that can be added in order to increase response time and storage capacity.</i></p> <p><i>Includes the license for one (1) Shard, equivalent to one (1) database server.</i></p> <p><i>The Master Node includes the following key features:</i></p> <ul style="list-style-type: none"> - Configuration of the Agents - Creation of Infection Vectors - Storage of Target’s data (profile, devices, etc.) - Storage of Evidence (e.g., Skype and voice recording, chat and messages from social networks, mail from clients and web interfaces, open files, screenshots, visited web sites, passwords from browsers, mail clients, key-logging, on-screen keyboards, clipboard texts, position, webcam photos, contacts, calendars, etc.) - Optical Character Recognition (OCR), crypto-currency (e.g., BitCoin) and file metadata extraction tools (e.g., Word file’s author, JPG picture EXIF data) - ,Role based access control (RBAC) for Administrator, Technician, Analysts, System Admin user profiles - Audit trail - Ordinary and extraordinary system administration - Automatic distribution of data among Shards 	RCS-MN	\$ 250,000.00
<p>Galileo RCS Collector</p> <p><i>License for two (2) Collectors Server Software.</i></p> <p><i>The RCS Collector is the Front-End server of Remote Control System. Collectors are the points of presence of RCS on the Internet and are the sole components able to communicate with Agents. Collectors can be added to expand the capacity of the system in terms of number of concurrent agents that report back the collected information. Having at least 2 Collectors provides you with redundancy in case of failure, allowing Agents to continue reporting.</i></p> <p><i>Includes the license for two (2) Collectors.</i></p> <p><i>The Collector includes the following key features:</i></p> <ul style="list-style-type: none"> - Secured communication flow management (encryption/decryption) 	RCS-COL	\$ 150,000.00

<ul style="list-style-type: none"> - 2-layer strong encryption with Agent authentication - Collection and storage of evidence - Fail-proof storage of evidence in case of Master Node temporary unavailability - Delivery of Infection Vectors to Targets (multi-stage infections) - Upgrade of Agents to new versions 		
<p>Galileo RCS Anonymizers</p> <p>License for three (6) Anonymizers Software.</p> <p>Anonymizers insure the protection of the Collectors and the routing of the evidence to the Collectors. Anonymizers can be replaced or substituted over time to avoid exposure. You can adapt the number of Anonymizers for added security.</p> <p>Includes the license for three (6) Anonymizers.</p> <p>The Anonymizers includes the following key features:</p> <ul style="list-style-type: none"> - Safeguarding of the communication channel's encryption - Routing of evidence through the Anonymizer chain - Protection of the Collector Internet address and identity 	RCS-PR	\$ 100,000.00
<p>Galileo RCS User Console</p> <p>License for ten (10) User Console Software.</p> <p>The User Console is the Single Point of Control to perform all operations. Role based access control is built-in and users can access features according to their privileges. The User Console implements a powerful Graphical User Interface, combined with a target-centric specific workflow and an easy to use logic,</p> <p>Includes the license for up to 10 (10) active and concurrent Users.</p> <p>The RCS User Console includes the following key features:</p> <ul style="list-style-type: none"> - Graph-based representation of Target correlations - Target's digital profile Drag-and-drop advanced Agent's configuration - Wizard for generating infection vectors - User administration - Audit trail 	RCS-USR	\$ 50,000.00
<p>Physical Infection Vectors</p> <p>License for Physical Infection Vectors Software.</p> <p>Physical Infection Vectors license allows you to use a range of methods to install the Agents on the Targets devices by means of physical access (e.g., by USB connectivity).</p> <p>Availability of Infection Vectors is based on the licensed Platforms (e.g., if you purchase Windows Platform, you automatically have all the Physical Infection Vectors available for Windows).</p> <p>Prerequisite: some Physical Infection Vectors may be available only with a Tactical Network Injector license.</p>	RCS-PHI	\$ 50,000.00

<p>Android Platform</p> <p><i>License for Android platform. The license allows you to infect Android operating system by implanting an Agent. The license includes support for Android 2.3 to 5.0.</i></p> <p><i>The Android platform includes the following key features:</i></p> <ul style="list-style-type: none"> - Skype call and chat - Facebook chat and check-ins - Gmail and Outlook.com - Crypto currency transactions (e.g., BitCoins, LiteCoin, etc) - File capture - Camera snapshots - Key logging 	<p>RCS-AND</p>	<p>\$ 50,000.00</p>
<p>Apple iOS Platform</p> <p><i>License for Apple iOS platform. The license allows you to infect Android operating system by implanting an Agent. The license includes support for iOS 4.x and up to 8.1</i></p> <p><i>The Apple iOS platform includes the following key features:</i></p> <ul style="list-style-type: none"> - Skype call and chat - Facebook chat and check-ins - Gmail and Outlook.com - Crypto currency transactions (e.g., BitCoins, LiteCoin, etc) - File capture - Camera snapshots - Key logging 	<p>RCS-IOS</p>	<p>\$ 60,000.00</p>
<p>10 Concurrent Agents</p> <p><i>License for ten (10) Concurrent Agents Software. Concurrent Agents license allow you to receive evidence concurrently from 10 Agents. Concurrent Agents can be used for every kind of evidence available and for an unlimited amount of time. Once you uninstall an Agent, its license can be reused to collect evidence from another Target's device.</i></p> <p><i>The licensed Agents can be used in any combination on the platforms that has been licensed. There is no limit to the number of Agents you can install, however only 10 Agents are allowed to transmit evidence. Additional agents can be licensed at any time.</i></p>	<p>RCS-ASLIO</p>	<p>\$ 50,000.00</p>
<p>1st Year Maintenance and Support</p> <p><i>License for 1st Year Maintenance and Support. It includes:</i></p> <ul style="list-style-type: none"> - Software updates (e.g., bug fixing, improvements to platform support) - Invisibility updates - Dedicated Support through Web Ticketing System - RiTE (Rite-is-a-Testing Ecosystem) performs 500+ daily tests of several 	<p>RCS-MAINT</p>	<p>Included</p>

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<i>combinations of 50+ anti-virus and 20+ applications.</i>		
TOTAL UPFRONT LICENSE FEES	USD	\$ 760.000,00

Note:

- *Every Concurrent Agent license can be used for an unlimited amount of times. Once the investigation is over and the backdoor is uninstalled, it can be used to infect another target.*
- *The total number of device and platforms can be used in any combination.*
- *Each agent license will work on any type of operating system that has been bought.*
- *Hardware Equipment is not included.*

(Signature and stamp for Acceptance)

Professional Services

PROFESSIONAL SERVICES		
Description	Product Code	Price in \$ USD
<p>Foundation Training</p> <p><i>Nine (9) days of Foundation Training.</i></p> <p><i>Foundation Training gives the attendees the confidence to operate the solution autonomously. It can be structured as a single session covering all the topics or as separate sessions for each of the operator roles available (Administrator, Technician, System Administrator, Analyst).</i></p> <p><i>The Foundation Training covers the following topics:</i></p> <ul style="list-style-type: none"> - RCS Galileo Architecture - Accounting and Operation - Agent configuration - Infection Vectors - Tactical Network Injector - Dashboards and Alerting - Intelligence - System Maintenance <p>Prerequisite: <i>few years experience in operating systems and software in general. Previous experience in information security is a plus.</i></p> <p>Number of participants: <i>up to 6 attendees.</i></p>	RCS-FTR	\$ 30,000.00
<p>Advanced Training</p> <p><i>Five (5) days of Advanced Training.</i></p> <p><i>Advanced Training builds on the client's first months of experience in using Remote Control System, combining the 10 years experience of HackingTeam to provide processes and best practice suitable to the client's unique operational scenarios.</i></p> <p><i>Prerequisite: few years experience in operating systems and software in general. Previous experience in information security is a plus.</i></p> <p>Prerequisite: <i>Foundation Training, 3 months of Remote Control System use.</i></p> <p>Number of participants: <i>up to 6 attendees.</i></p>	RCS-ATR	\$ 20,000.00
<p>On-Site Assistance</p> <p><i>Three (3) weeks of On-site Assistance.</i></p> <p><i>On-site Assistance is designed to assist in giving the client peace of mind. A Field Engineer is available on-site to help the client with any technical concern or difficulty that may arise during ordinary or extraordinary operation of Remote Control System solution.</i></p> <p>Note: <i>On-Site Assistance is limited to giving technical assistance. Due to company</i></p>	RCS-ASS	\$ 60,000.00

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<i>policy and international regulations Field Engineers and support personnel in general cannot be directly involved or participate in Law Enforcement operations.</i>		
TOTAL AMOUNT FOR PROFESSIONAL SERVICES		\$ 110.000,00 USD

Note:

- *All travel and accommodations cost are not included*

(Signature and stamp for Acceptance)

Exploit Delivery Service

<i>EXPLOIT DELIVERY SERVICE – 1 YEAR SUBSCRIPTION</i>		
<i>Description</i>	<i>Product Code</i>	<i>Upfront License Fees in \$ USD</i>
<p>Exploit Delivery Service – 1 Year Subscription</p> <p><i>License for one (1) year subscription to Exploit Delivery Service (EDS). EDS grants you access to a selection of o-day exploit targeting different applications.</i></p> <p><i>The Exploit Delivery Service includes the following key features:</i></p> <ul style="list-style-type: none"> - <i>RiTe (RiTe is a Testing ecosystem) performing validity and security checks daily (see RiTe description)</i> - <i>Exploit Delivery Network (EDN) managed by HT and hosted on anonymous systems, providing a secure environment for serving exploits</i> - <i>Requests performed via secured online ticketing. As an example, a request can consist of customer-provided application content (e.g., Word file) and specific infection vector</i> - <i>Delivery of weaponized customer's content (e.g., Word file with embedded exploit), to be sent to the Target by the customer via customer's Tactical Network Injector or other means</i> - <i>Automatic delivery of multi-stage exploits' components</i> - <i>Automatic deletion of all the stages and content from the EDN as soon as the infection is complete</i> <p>Note: <i>exploits availability and service process can change without notice.</i></p>	RCS-EDS1Y	\$ 120,000.00 USD
TOTAL AMOUNT OF SUBSCRIPTION (1 YEAR)		\$ 120.000,00 USD

Note:

- *Exploit Delivery Service is a yearly subscription to be purchased every year.*

(Signature and stamp for Acceptance)

Maintenance & Support

The 1st year of Maintenance & Support is included in the Upfront License fees. The price for the 2nd year and subsequent years of Maintenance & Support is detailed below.

REMOTE CONTROL SYSTEM MAINTENANCE & SUPPORT		
Description	Product Code	Annual License Fees in \$ USD
<p>Yearly Maintenance & Support Fee License for Yearly Maintenance and Support. It includes:</p> <ul style="list-style-type: none"> - Software updates (e.g., bug fixing, improvements to platform support) - Invisibility updates - Dedicated Support through Web Ticketing System - RiTE (Rite-is-a-Testing Ecosystem) performs 500+ daily tests of several combinations of 50+ anti-virus and 20+ applications. 	RCS-MAINT	\$ 152,000.00
YEARLY MAINTENANCE & SUPPORT (FROM 2nd YEAR)		\$ 152.000,00 USD

Note:

- The yearly maintenance fee price is calculated on the purchased configuration, if the configuration changes the maintenance price will be recalculated.

(Signature and stamp for Acceptance)

Terms & Conditions

1. Warranty

The warranty period for HT software products is one year starting from date of delivery.

2. Financials

1. Pricing doesn't include VAT and local taxes.
2. Prices are reserved to NEW YORK COUNTY DISTRICT ATTORNEY's OFFICE
3. NEW YORK COUNTY DISTRICT ATTORNEY's OFFICE accepts to purchase the solution as above reported for a price of USD 990.000,00.
4. NEW YORK COUNTY DISTRICT ATTORNEY's OFFICE has to sign the attached End User License Agreement (HT_EULADIRECT_5.0) and the End User Statement (EXPORT DOC_EU STATEMENT).
5. Software Delivery and Training within 30 days from the export authorization (to be agreed).
6. Terms of Payment
 - 50% Down Payment at PO date
 - 50% at Delivery Certificate signature date (please refer to the attached document)
7. Validity: The quotation is valid 30 days.

(Signature and stamp for Acceptance)

List of Attachments:

- *HT_Galileo_SolutionDescription_2.4.pdf*
- *RCS9_Technical_Requirements_v2.3.4*
- *HT_Galileo_Product Training_v1.4.pdf*
- *HT_Galileo_Delivery Certificate_v1.2.pdf*
- *HT_EULADIRECT_5.0.pdf*
- *EXPORT DOC_EU STATEMENT 1.0*

(Signature and stamp for Acceptance)