

TeleXploitation™

Remote computer forensics

TeleX value proposition –

- Significantly reduces time to identify and analyze data
- Scalable to meet any contingency
- Increases efficiency and productivity of computer forensics analyst
- Minimizes cost
- Eliminates need to transport sensitive media
- Enforces an auditable “Network Chain of Custody”™
- Easily adaptable to externally imposed schedule constraints



The challenge

In today's information environment, there is a critical need to conduct digital forensics, intelligence analysis, and media exploitation on a 24x7 basis, at locations around the globe. Yet this need is frequently hamstrung by considerations such as local availability of qualified forensic technicians, cost and delays associated with technician travel, or difficulties related to shipping media. Some of the specific challenges of the current computer forensics environment include:

- Forensics technicians can be difficult to recruit and retain
- Scarcity of qualified technicians tends to disproportionately increase their cost
- Frequent travel/deployment is costly and can impact technician retention
- Travel time can negatively impact the forensic mission
- Travel and on-site deployment reduces technician productivity (opportunity costs)
- Shipping media leads to delays in analysis (limited tactical value)
- Shipping media lengthens the chain of custody (increased risk)

Our solution

TeleXploitation (TeleX) is our solution to the remote computer forensics challenge. TeleX is a unique customization which leverages the security portal and wide area network optimization capabilities of RemoteConnect™, a proven commercial, off-the-shelf product. We designed TeleX through interaction with subject matter experts, forensics practitioners, and product

companies. In doing so, we focused on addressing all of the above challenge issues in a manner that would permit a user organization to optimize its business case, leading to achievement of its business strategy and mission objectives.

TeleX enables a forensic technician to securely and remotely exploit target media, regardless of geographic location. This exploitation is done using the technician's forensic toolkit of choice, with no noticeable impact on system responsiveness. In other words, the user experience is just like being at the site where the media are physically located. With TeleX, a company or government agency can reduce operating costs, minimize time associated with the workflow process, and maximize productivity.

Electronic Discovery Reference Model

Since TeleX facilitates computer forensics, it assumes an important role in the Electronic Discovery Reference Model (EDRM). If there has been a deliberate attempt to conceal data or activities on a computing device, this activity has special relevance in the context of the ERDM.

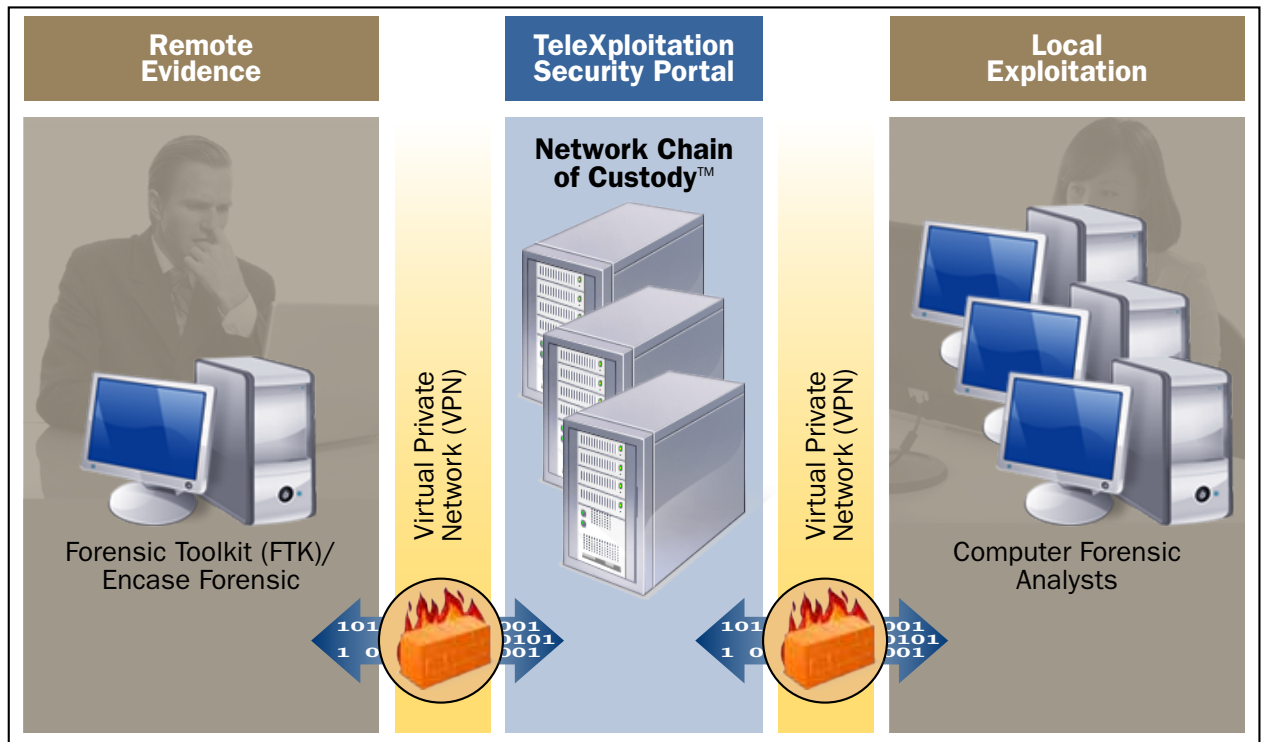
TeleX's capability to compress the time to conduct computer forensics streamlines the workflow process, while focusing resources on the most relevant data/information. This supports the current focus on Early Case Assessment (ECA), which establishes time as a premium and underscores the need to identify the source and scope of relevant information as quickly as possible.



TeleX system design

With TeleX, a user can apply maximum analytical resources to a computer forensics engagement, regardless of distance or location of qualified practitioners. It applies role-based access, authentication, identity management, encryption, and auditing to protect data continuously. This provides for a highly secure "Network Chain of Custody." TeleX is both protocol and transmission

media agnostic. The solution will scale easily to meet the evolving demands of an engagement where the size and scope of the investigation or target media expand beyond original estimates. Since analytical resources can be applied without being limited by geographic location or travel needs, TeleX can be quickly scaled within original calendar schedules.



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