

TECH SPECS

REMOTE ACQUISITION

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Remote Acquisition is a cutting-edge solution that enables both novice and expert users to remotely capture system information, RAM data (including live RAM), user credentials, browser data, banking information, cryptocurrency details, and comprehensive bit-for-bit (DD) images from devices connected to a network.

Equipped with state-of-the-art forensic imaging technology, Remote Acquisition offers unparalleled data extraction speeds, precise targeting, and flexible data collection options. Deploy network agents manually or via Windows Remote Management or other third-party tools, then utilise Detego's powerful Analyse AI+ platform for targeted logical collections or full-disk imaging.

Experience customisable acquisitions with granular control. Conduct selective data extractions targeting specific user folders, disks, or custom file paths. Users can even leverage Remote Acquisition to extract data from storage media such as USB drives and external hard drives connected to networked computers and laptops.

The latest updates to Remote Acquisition provide greater visibility and control. Users now receive automatic updates on the status of remote agents. They can add job-specific size limits (5 GB default) for precise scoping. Users also have the added flexibility of resuming physical extractions from previous cut-off points in case of network failures or drops.

Remote Acquisition operates as a server/client system via a connected route on the same network/subnet. Users can also leverage any VPN tunnel to acquire data from devices outside the local network, connecting to the same TCP/IP and subnet as the Detego server. (Data speeds depend on internet upload/download rates).

For optimal performance, a wired network (10GbE+ preferred, 1GbE LAN acceptable) should be used for data transfer between the target and the server.

Note that Wi-Fi connections and off-site VPN tunnelling reduce bandwidth.

Key Product Features	• Easily capture crucial system details, RAM contents, user credentials, browser history, cryptocurrency data, and complete physical images from endpoints • Gather data through network agents that can be deployed manually or remotely via Windows Remote Management • Trigger targeted data extractions or create complete physical images directly from Detego Analyse AI+ • Remotely extract live RAM data without the need for physical access to the target device • Effortlessly conduct selective extractions by targeting specific user directories, folders, disks, or custom paths • Gain granular control by setting global extraction size limits for logical extractions • Remotely image storage media plugged into networked computers or laptops • Resume physical extractions from previous cut-off points in the event of network failures or drops
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	• Benefit from high-speed imaging, with performance limited only by the network's designated speed • Empower users with its intuitive and easy-to-use interface
Operating Systems	• Windows Server 2016 & 2019 Standard or Datacenter • Windows 10 & 11 Pro
Simple Deployment Types	• Deploy installation file physically to target machines or over the network through Windows Remote Management or other third-party tools
Imaging Formats	• DD
Imaging Analytics	• Integrates seamlessly into Detego Analyse AI+ to enable immediate analysis
Covert Imaging	• Allows the agent to run in the background without being detected
Users on the Network	• Connect as many users as the network will allow for agents (Subject to purchased licences)
Acquiring Device OS	• Windows 10 & 11c

Recommended Hardware	• This solution will be compatible with most servers on the market running Intel i7/ i9/ Xeon or AMD equivalent (1/2/4 sockets) with 16 GB RAM or more • It is recommended that you have a dedicated NVIDIA CUDA platform and a compatible GPU 4GB+ for analytical purposes • Data storage is dependent on the size of the network and target workstations • It is recommended that you perform a storage assessment across your network to calculate storage requirements
Network Infrastructure	• Network bandwidth is recommended at 10GbE for multiple imaging • Minimum bandwidth is 1GbE • Please be advised that an increase in network traffic will reduce imaging speeds, resulting in longer imaging times • For a typical office network (medium number of users) on a 1Gbe network, imaging performance will be as listed below • 16 GB USB – 16 minutes • 256 GB SSD – 43 minutes • 512 GB SSD – 1 hour 20 minutes • 1 TB HDD – 11 hours 30 minutes