

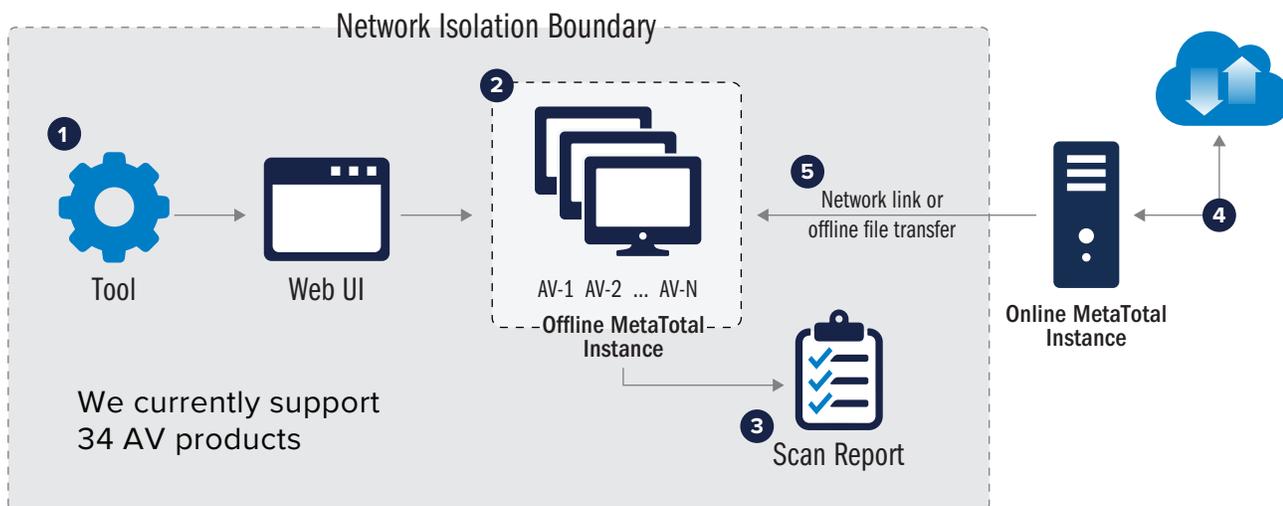


METATOTAL

ADVANCED CAPABILITY ANALYSIS

- Rapidly analyzes files for malicious indicators
- Provides OPSEC preserving PSP Scanning
- Provides a user friendly interface for reports and analysis

ARCHITECTURE



1. File to be scanned is uploaded in the UI.
2. File is loaded into **Offline MetaTotal** VMs and scanned by supported AV products.
3. Scan report is generated and available in the UI.
4. **Online MetaTotal** keeps local copies of supported AV products up to date.
5. Updates are sent to **Offline MetaTotal** via a one-way network connection or offline file transfer.

Offline MetaTotal Instance

ANALYSIS ENGINE

- Provides a web interface to scan files, view report and analyze results.
- Deploys and manages scan jobs against a diverse set of AV products within an offline environment.
- Designed in a manner to expand analysis capabilities beyond AV (static and dynamic analysis).

Online MetaTotal Instance

UPDATE ENGINE

- Provides a mechanism to package and download updates to be transferred and auto-loaded into **Offline MetaTotal**.
- Maintains a connection so that supported AV engines can be kept up to date.

ROADMAP

- Explore AV network traffic to reveal silent signatures
- Expand AV product set
- Add support for mobile devices
- Enable AV Cloud Emulation



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About Assured Information Security (AIS)

AIS provides critical cyber and information security services, products and operations to commercial and government customers. Founded in 2001 and headquartered in Rome, New York, AIS has multiple operating locations and employees throughout the United States.