

# TitaniumCloud Reputation Services

## The Most Comprehensive Source for File Reputation Data

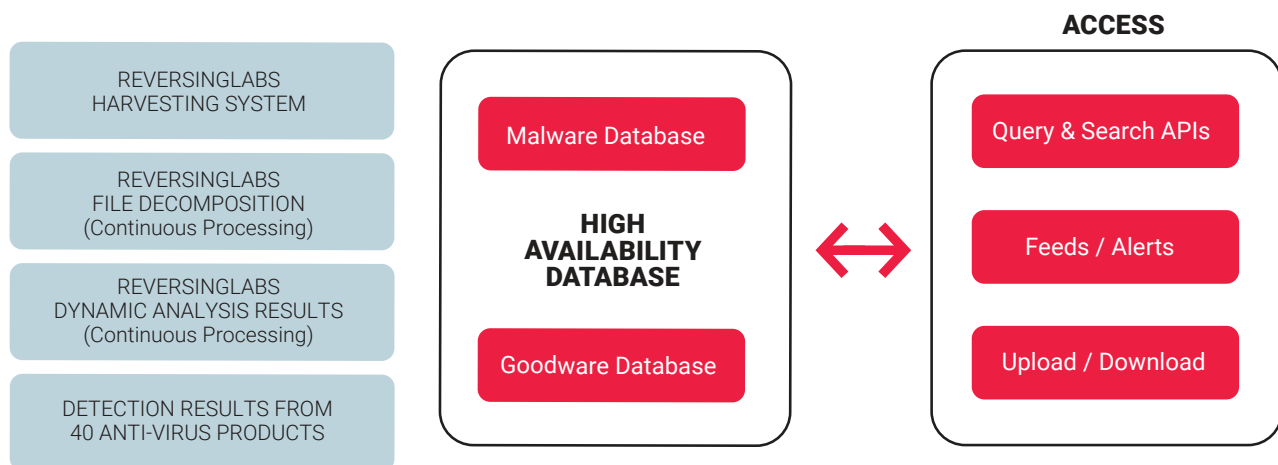
ReversingLabs' TitaniumCloud Reputation Services is a powerful threat intelligence solution with up-to-date threat classification and rich context on over 7 billion goodware and malware files. ReversingLabs does not depend on crowdsourced collection but instead curates the harvesting of files from multiple anti-virus vendors and diverse malware intelligence sources. All files are processed using unique ReversingLabs' File Decomposition technology and combined with other dynamic and detection information to provide industry reputation consensus. TitaniumCloud supports a powerful set of query and feed functions through REST APIs for threat identification, analysis, intelligence development and hunting.

### Key Features

- **Rich Reputation Information**  
accelerates threat analysis & response by quickly identifying known goodware & malware.
- **Advanced Search in Milliseconds**  
enables analysts to research threats before they reach their organization.
- **Targeted Feeds**  
allow customers to monitor attacks in-the-wild to prepare defenses & minimize impact.
- **Powerful Hashing Algorithms**  
identify a file's functional similarity to known malware including APT and polymorphic attacks.
- **Extensive APIs**  
enhance effectiveness of existing security solutions and custom automated workflows.
- **Flexible Deployment Options**  
offer a cloud-based solution or an on-premises appliance for air-gapped operations.

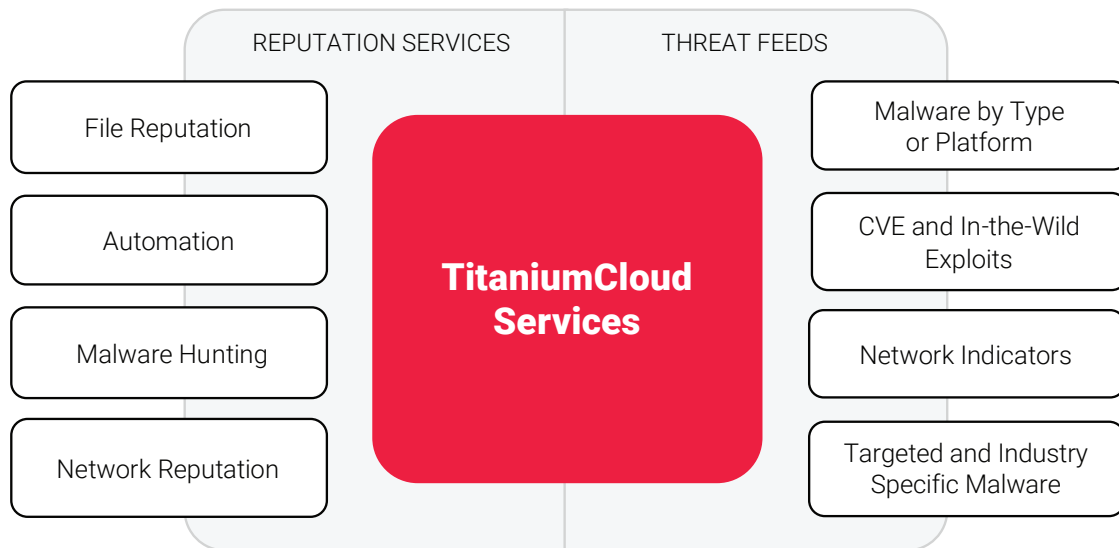
### Global File Reputation

ReversingLabs TitaniumCloud continually processes goodware and malware files providing early intelligence about attacks before they infiltrate customer infrastructures. This visibility to threats "in-the-wild" enables preparation for new attacks and quickly identifies the threat levels of new files as they arrive. TitaniumCloud enables more effective and efficient file analysis, development of better threat intelligence and implementation of proactive threat hunting programs.



# TitaniumCloud APIs and Feeds

ReversingLabs TitaniumCloud provides over 50 Search/Query and Feeds APIs that automate processing, analysis and threat status information gathering.



## TitaniumCloud Features

### TitaniumCloud Database for File Reputation Data

- Over 7 billion unique file records with reputation data, adding up to 8 million malware and goodware updates daily
- High-performance online query processing

### Detailed File Reputation Information

- Every sample processed using unique ReversingLabs File Decomposition to extract all objects and uncover threat indicators
- 3500 file formats identified
- Over 300 families unpacked and analyzed including archives, installers, packers & compressors
- Historical detection information from more than 40 anti-virus scanners for industry consensus showing changes over time
- Malware samples continually reanalyzed for the most up-to-date file reputation status

### Queries via REST Web Services APIs

- Powerful query and feed functions
- REST API for automated analysis process integration
- File reputation information via single and bulk hash queries
- Functional similarity hash queries for identifying new and polymorphic threats
- Advanced search and hunting by file context and threat indicators
- Alerting on threat level changes for subscribed files
- File uploads / downloads

### Targeted Reputation Feeds

- Extensive Feeds for specific threats, e.g. file types, threat types, industry, CVE, and URI

### Delivery Options

- Online: Cloud-based service with web GUI
- On-Premises: T1000 File Reputation Appliance

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