McAfee
Together is power.

McAfee GTI Private Cloud

Utilizing McAfee Global Threat Intelligence for maximum protection of critical assets

Often, threat intelligence is not well understood, too complex, or difficult to use in an operational environment. We solve that problem by offering the McAfee® Global Threat Intelligence (GTI) packaged cloud solution for closed or hybrid networks. Our packaged approach provides you with up-to-date reputational services for use at the boundary and/or endpoints across the enterprise. Our offering also provides the capability to consolidate third-party threat feeds into a single service, providing maximum protection for critical assets.

Sometimes, the best environment to enhance threat intelligence is one that combines both enterprise resources and some version of public or private cloud. Our private cloud and single-tenant dedicated environment offers you the ability to securely tap into threat intelligence solutions and share that critical information across the enterprise. We have created both on-premises and off-premises cloud offerings so that your organization can deploy global or regional cloud services.

How McAfee GTI Cloud Helps Your Business

Reduce costs and maximize coverage

McAfee GTI cloud protects and services large enterprise environments. We maximize coverage by being available to all devices capable of connecting to the McAfee public cloud. We can provide reduced IT costs by providing a single source for reputational services without manual intervention. We're also able to deploy faster than traditional distribution for connected products.

Scalability and performance

Our private cloud offering is based on the McAfee global point-of-presence (PoP) technology that serves billions of queries a day. The architecture provides organizations with scalability for enterprise demands. McAfee GTI cloud can protect and service heavy or unpredictable traffic with solid and proven performance capability.

Security and custom reputations

When you need enhanced security and ultimate control for business-critical applications and data, incorporate the McAfee GTI Private Cloud. GTI Private Cloud lets you add your own reputations into the cloud, so you can tailor coverage and provide additional protections for known signatures.

McAfee GTI Private Cloud Use Cases

- **Closed Networks:** McAfee File/IP/URL reputations are now available to our products, protecting your endpoints and perimeter.
- **Custom Reputations:** GTI Private Cloud can store up to 10 million of your reputations that supersede GTI Public Cloud reputations.
- **Analyst Research:** Your analysts have access to over 2 billion File/IP/URL reputations through a web-based and command-line interface.
- **Telemetry Data:** You have complete access to your GTI Private Cloud query logs for advanced analytics to discover advanced threats.
- **Quick React/Short-Term Deployment:** GTI Private Cloud 'in-a-box' can be installed for temporary network deployments, training sessions, and smaller offices.

Integration and Managing Reputations

Enterprise integration needs to be simple and powerful. Our RESTful interface has been created to provide integration with third-party tools and applications. (See sidebar.) This interface is tightly controlled with certificates and API key security in order to secure communications and transactions. Support for metadata tagging allows you to enrich the reputations stored in GTI Private Cloud to assist analysts in their research. Metadata is comprised of a JavaScript Object Notation (JSON) formatted string that is made available to analyst's queries.

McAfee GTI Private Cloud provides threat reputation (File/IP/URL) on a near real-time basis and allows clients to manage their own threat repository to inform boundary and endpoint protection. Our GTI solution delivers timely threat reputation across the enterprise with File, IP, and URL/DNS to McAfee products and McAfee Security Innovation Alliance (SIA) partners protecting your endpoints and perimeter.

McAfee GTI Private Cloud is built on the latest GTI Public Cloud architecture that is installed around the world. This architecture handles approximately 45 billion queries per day, which is on par with Facebook and Twitter. This architecture can be scaled up to handle the largest enterprise deployments as well as handling small- to medium-sized offices.

About McAfee APG

The McAfee Advanced Programs Group (APG) is a team of intelligence professionals providing customized, applied intelligence. This gives our team the unique ability to correlate victim environment information with social and networked entities against one of the largest threat databases in the industry—from McAfee. By working with the local threat responders, McAfee APG combines endpoint and network information with McAfee GTI to identify who the attacker is, what they have done, and what they may have accessed. Contact us at **apg@McAfee.com**.

RESTful Interface

The RESTful interface enhances the capabilities of GTI Private Cloud. It not only allows the intregration of third-party protection tools, it also integrates with custom analyst tools.

A root certificate authority is provided and allows for a server certificate and key to be generated to protect REST calls to GTI Private Cloud. An API Key system has been created to allow or deny access to GTI Private Cloud. Please note that these functions are controlled by McAfee Professional Services employees.

Query capabilities include File/IP/ URL reputation, custom reputation, reputation metadata, and historical file reputation. Queries can be in a singular or bulk format.

Insert capabilities include File/ IP/URL reputation and custom reputation.