Avira

THREAT INTELLIGENCE FEEDS

Avira Threat Intelligence Feeds can enhance your own threat intelligence services by giving you access to the data at the heart of Avira anti-malware solutions.

They deliver 'over-the-horizon' visibility to emerging cyberthreats and create the opportunity to develop a proactive security posture. File, Domain, URL and IP Reputation feeds provide key threat information. They are complemented by the File Intelligence feed that contains extensive intelligence developed on Windows and Android files. All feeds are constantly updated, enabling you to build powerful and effective threat detection systems.

Avira Threat Intelligence Feeds bring value to your own business by providing access to the data collected and analyzed by the Avira world-wide sensor network and our powerful malware detection engines. Avira Threat Intelligence Feeds provide comprehensive, clear and easy-to-consume intelligence that is highly relevant to security vendors and service providers.

IMPLEMENTATION

Avira Threat Feeds deliver a stream of constantly updated threat data drawn from the Avira Protection Cloud. The data is delivered as an easy-to-access fixed format JSON hosted in the Amazon S3 cloud and is updated every 60 seconds. The IP Reputation feed is updated daily.

Attributes are selected to enable partners to take actionable decisions. The information provided does not contain any personal data or the file itself. Only meta-data resulting from the analysis is delivered to ensure data privacy.

Avira Threat Intelligence Feeds are delivered as de-coupled, non-intrusive services: They do not require implementation of special code or structure nor do they require Avira to access the customer's infrastructure to enable the service.

Simple

Data delivered in an easy-to-consume, JSON format

Decoupled - no API or SDK required

Platform agnostic implementation

Full documentation and usage samples

Simple access and licensing

Valuable

Key, specific file attributes for URLs, domains, Windows, Android, binary and documents

Data drawn from the network of businesses and consumers, already covered by Avira security technologies

Provides near-real time updates covering zero-day threats

Secure and Reliable

Hosted in a secure Amazon S3 storage

Non-disruptive service updates on a high availability platform

Non-intrusive, does not require Avira to have on-premise access

Benefits

Delivers early warning of cyberthreats as they emerge globally

Automated feeds minimize integration effort

Leverages Avira detection technologies in an easy-to-use way

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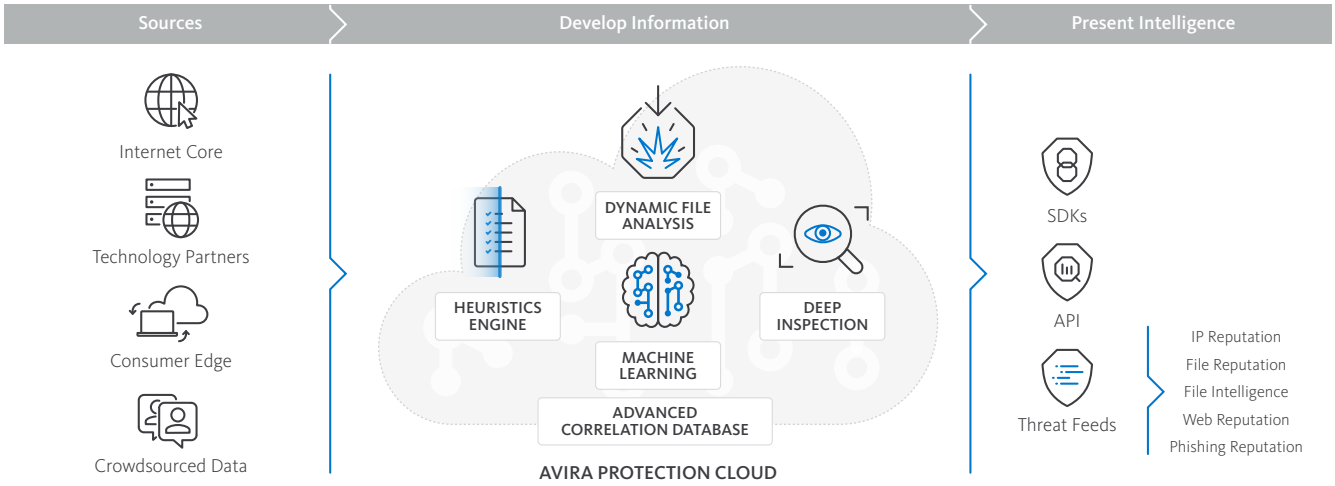
DEVELOPING THREAT INTELLIGENCE



FILE REPUTATION

Contains the key attributes to enable the identification of clean and malware files including: Hash, classification and time information for PE, binary, Android and documents.

WEB REPUTATION

Avira Web Reputation contains the key classifications to enable the identification of domains and URLs that contain phishing, malicious or potentially malicious content. The information provided does not contain any personal data. It includes reputation data for:

— URL security categories

— Phishing

FILE INTELLIGENCE

The Avira File Intelligence Feed delivers a stream of constantly updated threat data developed on Windows and Android files. This includes:

— File information that includes the basic data of hashes, timestamps, size and formats.

— Classification intelligence that identifies the malware and its function (malware, phishing, PUA, and the context of the classification).

— Static intelligence that includes the attributes of related certificates, and the association of the file with particular exploits.

— Infection intelligence with the associated geo-location information developed by the Avira sensor network.

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DOMAIN CATEGORIZATION

Avira Domain Categorization contains security classification and content categorization for the corresponding domains compliant with IAB-1, tiers 1 and 2. The 400+ categories provided at a domain or sub-domain level are particularly useful for solutions requiring parental control, productivity, or general domain categorization. Category examples include IAB25-3 Adult Content, IAB12-WS1 Social Networking, or IAB17 Sports.

IP REPUTATION

The IP addresses that host malware, phishing or botnet traffic change often. These compromised addresses create a problem for security teams who must react quickly but with confidence to a changing threat landscape.

The Avira IP Reputation Feed updates daily to enable security teams to easily identify IP addresses that host suspicious objects. Each IP identified in the reputation feed is delivered with a corresponding reputation value and its associated confidence value.

APJ & EMEA

AviraOEM sales office
NortonLifeLock Ireland Ltd

Ballycoolin Business Park,
Dublin 15, Ireland

Americas

AviraOEM sales office
Avira Inc.

487 E. Middlefield Rd.
Mountain View
CA 94043, USA

FIND OUT MORE

Website: oem.avira.com
Email: oem@avira.com
LinkedIn: Avira

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