

Recorded Future and Farsight Security

## Gain Valuable Insight into Adversaries' Networks with Farsight Security



Recorded Future and Farsight Security are working together to provide fast, accurate DNS intelligence about cyberthreats facing today's organizations.

### Technology Overviews

#### Recorded Future

Recorded Future arms businesses with automated, real-time intelligence from an unrivaled breadth of external sources. Our universal threat intelligence solution centralizes our contextualized intelligence with proprietary data feeds and your own threat analysis, enabling you to proactively defend your organization against cyberattacks. Our technology also powers a range of services from our own expert intelligence analysts, to rapidly deliver current and finished intelligence that's relevant to your business.

#### Farsight Security

Farsight Security DNSDB™ is the world's largest DNS intelligence database that provides a unique, fact-based, multifaceted view of the configuration of the global Internet infrastructure. DNSDB leverages the richness of Farsight's Security Information Exchange (SIE) data-sharing platform and is engineered and operated by leading DNS experts. Farsight collects Passive DNS data from its global sensor array. It then filters and verifies the DNS transactions before inserting them into the DNSDB, along with ICANN-sponsored zone file access download data. The end result is the highest-quality and most comprehensive DNS intelligence service of its kind – with more than 100 billion domain resolution records and updated in real-time at over 200,000 times/second.

### Integration Highlights

View and interact with structured and consumable real-time threat intelligence.

Gain unique insights about global threat actors, their methods, and associated technical indicators—organized in single-view Intelligence Cards.

Expand your investigations by examining applicable DNS records—such as multiple A records and nameserver (NS) changes over the history of the domain.

Retrieve and pivot on passive DNS (pDNS) records for hostnames and IP addresses.

# Integration Use Cases

## Challenges overcome through integration

- ✓ Protect your brand by uncovering subdomain abuse.
- ✓ Block your infrastructure from being used by bad actors.
- ✓ “Turn back the clock” to view internet infrastructure as it was at a certain point in time.
- ✓ Proactively detect patterns of malicious activity and identify phishing, APT, or other targeted attacks.

**Farsight DNS enrichment within one of Recorded Future's Intelligence Cards**

The screenshot displays three main components of the Recorded Future interface:

- IP Addresses in Watch List:** A table listing IP addresses with their associated risk levels. The top entries are:

IP	Risk
222.186.21.247	7
222.186.21.246	4
222.186.21.169	3
222.186.21.9	2
195.22.28.194	2
195.22.28.196	2
195.22.28.198	2
195.22.28.222	2
222.186.21.100	2
222.186.21.105	2
222.186.21.107	2
222.186.21.108	2
222.186.21.110	2
222.186.21.111	2
222.186.21.112	2
222.186.21.117	2
222.186.21.118	2
222.186.21.120	2
222.186.21.136	2
222.186.21.139	2
222.186.21.140	2
- Resource record type A:** A list of resource records for 'www.wxqqs.top'. The most recent record shows:
  - First Seen: Mar 7, 2018, 19:40
  - Last Seen: Aug 1, 2018, 20:11
  - IP Address: 222.186.21.247
  - Resource record name: www.wxqqs.top
- Brand Names in Watch List:** A pie chart showing the distribution of brand names in the watch list.

**About Recorded Future**

Recorded Future delivers the only complete threat intelligence solution powered by patented machine learning to lower risk. We empower organizations to reveal unknown threats before they impact business, and enable teams to respond to alerts 10 times faster. To supercharge the efforts of security teams, our technology automatically collects and analyzes intelligence from technical, open, and dark web sources and aggregates customer-proprietary data. Recorded Future delivers more context than threat feeds, updates in real time so intelligence stays relevant, and centralizes information ready for human analysis, collaboration, and integration with security technologies. 91 percent of the Fortune 100 use Recorded Future.

Learn more about how you can make faster and more-informed security decisions at [recordedfuture.com](http://recordedfuture.com)

**About Farsight Security**

Farsight Security is the world's largest provider of historical and real-time passive DNS data. We enable security teams to qualify, enrich and correlate all sources of threat data and ultimately save time when it is most critical - during an attack or investigation. Our solutions provide enterprise, government and security industry personnel and platforms with unmatched global visibility, context and response. Farsight Security is headquartered in San Mateo, California, USA.

Learn more about how we can empower your threat platform and security team with Farsight Security passive DNS solutions at [farsightsecurity.com](http://farsightsecurity.com)

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