DATA SHEET

iQ3 Managed Threat Detection & Response (TDR)

Powerful threat detection and incident response for all your critical infrastructure

iQ3 Managed Threat Detection & Response (TDR) delivers powerful threat detection, incident response, and compliance management in one unified platform. It combines all the essential security capabilities needed for effective security monitoring across your cloud and on-premises environments: asset discovery, vulnerability assessment, intrusion detection, endpoint detection and response, behavioral monitoring, SIEM log management, and continuous threat intelligence.

Built for today's resource-limited IT security teams, iQ3 Managed TDR is more affordable, faster to deploy, and easier to use than traditional solutions. It eliminates the need to deploy, integrate, and maintain multiple point security solutions in your data center. Our cloud-hosted platform delivered as a service means a low total cost of ownership (TCO) and flexible, scalable deployment options for teams of any size or budget.

With iQ3 Managed TDR, you can focus on what matters most — protecting your IT infrastructure against today's emerging threats.

Multiple Essential Security Capabilities in a Single SaaS Platform

iQ3 Managed TDR provides multiple essential security capabilities in a single SaaS solution, giving you everything you need for threat detection, incident response, and compliance management—all in a single pane of glass. With iQ3 Managed TDR, you can focus on finding and responding to threats, not managing software. An elastic, cloud-based security solution, iQ3 Managed TDR can readily scale to meet your threat detection needs as your IT environment changes and grows.

Asset Discovery

- API-powered asset discovery
- Network asset discovery
- Software and services discovery

Vulnerability Assessment

- Network vulnerability scanning
- Cloud vulnerability scanning
- Cloud infrastructure assessment

Intrusion Detection

- Network Intrusion Detection (NIDS)
- Cloud Intrusion Detection

Endpoint Detection and Response

- Host-based Intrusion Detection (HIDS)
- File integrity monitoring
- Continuous endpoint monitoring & proactive querying

Behavioural Monitoring

- Asset access logs
- Cloud access and activity logs (Azure Monitor, AWS: CloudTrail, CloudWatch, S3, ELB)
- AWS VPC Flow monitoring
- VMware ESXi access logs

SIEM & Log Management

- Event correlation
- Log management, with at least 12 months log retention
- Incident response
- Integrated threat intelligence from iQ3 Security Team
- Exchange® (OTX™)

Key Product Features and Highlights
Centralized Security Monitoring for Your Cloud & On-Premises Environments, iQ3 Managed TDR gives you powerful threat detection capabilities across your cloud and on-premises landscape, helping you to eliminate security blind spots and mitigate unmanaged shadow IT activities. Even as you migrate workloads and services from your data center to the cloud, you have the assurance of seamless security visibility.

iQ3 Managed TDR natively monitors –
- AWS and Microsoft Azure public clouds
- Windows and Linux endpoints in the cloud and on premises
- Virtual on-premises IT on VMware / Hyper-V
- Physical IT infrastructure in your data center
- Other on-premises facilities (e.g., offices, retail stores, etc.)
- Cloud applications like Office 365 and G-Suite

Automated Response Orchestration
iQ3 Managed TDR provides advanced security orchestration rules that automate actions and responses according to your needs, making your work more efficient. You can –
- Reduce alarm "noise" with suppression rules
- Generate custom alarms based on any parameter
- Auto-respond to events with orchestration rules
- Create orchestration rules for third-party apps

Powerful Security Analytics at Your Fingertips
When you centralize security monitoring of all your cloud and on-premises IT environments, you need a highly efficient way to search and analyze large amounts of data from across a complex and dynamically changing IT infrastructure.

iQ3 Managed TDR provides an intuitive and flexible interface to search and analyze your security-related data.

With it, you can –
- Search and analyze your data to find threats and investigate incidents
- Pivot between assets, vulnerabilities, and event data to pinpoint the data you need
- Create and export custom data views for compliance-ready reporting

Built Natively in the Cloud for the Cloud
Unlike other legacy security solutions that have been modified to work in the cloud, iQ3 Managed TDR is a truly cloud-native security monitoring solution that leverages the unique security elements of public cloud infrastructure. It uses direct hooks into cloud APIs to give you a richer data set, greater control over the security of your cloud infrastructure and SaaS applications, and more immediate visibility across your entire environment within minutes of installation.

Advanced Graph-based Analytics Engine
iQ3 Managed TDR takes an enhanced approach to SIEM event correlation that makes security analysis faster, more flexible, and more effective than ever. With our unique, graph-based approach to correlation, you can:
- Quickly and efficiently run ad-hoc queries on large and complex data sets
- Enhance correlation by keying off connections between assets, users, and activities and the
- changes occurring between them

Extended Security Orchestration
iQ3 Managed TDR is a highly extensible platform that leverages AT&T —integrations with third-party security and productivity tools—to extend your security orchestration capabilities. You will be able to:
- Extract and analyze data from third-party security applications
- Visualize external data within iQ3's rich graphical dashboards
- Push actions to third-party security tools based on threat data analyzed by iQ3
- Gain new security capabilities

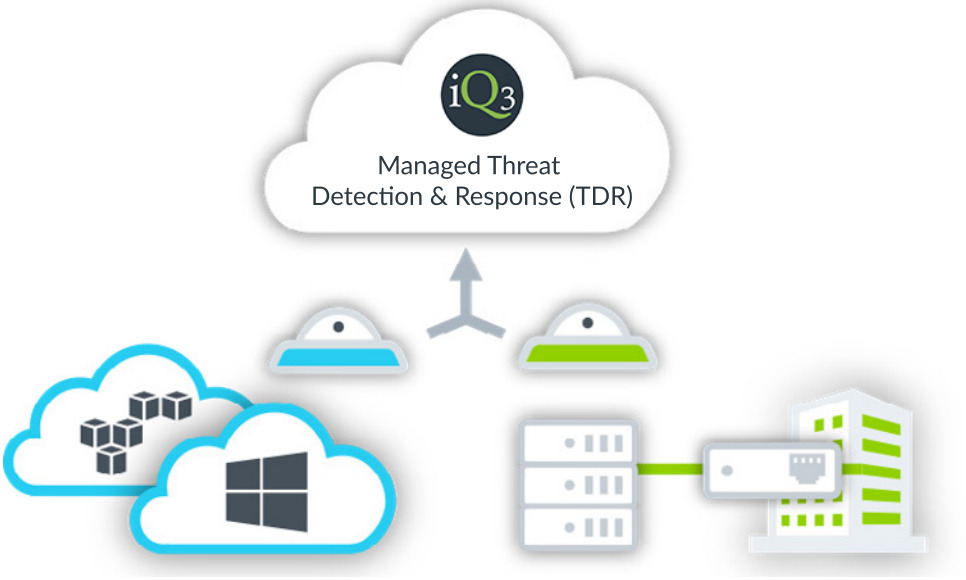
www.iQ3.com.au | sales@iq3.com.au | +61 02 8073 6215

Deploying iQ3 Managed TDR is Fast and Easy

iQ3 Managed TDR consists of a highly scalable, two-tier architecture to manage and monitor every aspect of your cloud and on-premises security. iQ3 Managed TDR collects and normalizes data from your cloud and on-premises environments and securely transfers that data for centralized collection, security analysis, threat detection, and compliance-ready log management. The only thing you deploy in your enviroment are Sensors and Agents. iQ3 Managed TDR maintains, secures, and updates everything automatically.

From Installation to Security Protection in 3 Simple Steps

1. iQ3 deploys the first sensor in your on-prem or cloud environment and points the output to the cloud management location
2. iQ3 logs in and deploys agents where necessary, runs asset discovery, initial vulnerability scans and tailors TDR to specific customer needs
3. iQ3 TDR service starts to monitor for threats and malicious activities



Data Storage with iQ3 Managed TDR

Dedicated, Single-Tenant Data Store

When you send sensitive security-related data to a security monitoring solution in the cloud, you want to ensure that your data is protected and leak-proof. That's why iQ3 Managed TDR uses a single-tenant data store architecture to securely manage all of our customers' accounts.

With Managed TDR, your data is stored in its own dedicated container, which is completely isolated from other customers' data. Whereas multi-tenancy is prone to data leakage and breakage that can affect multiple customer accounts, especially as SaaS providers scale, single-tenancy ensures that all customers' data is kept separate and leak-proof. It's a better architecture for you and for us.

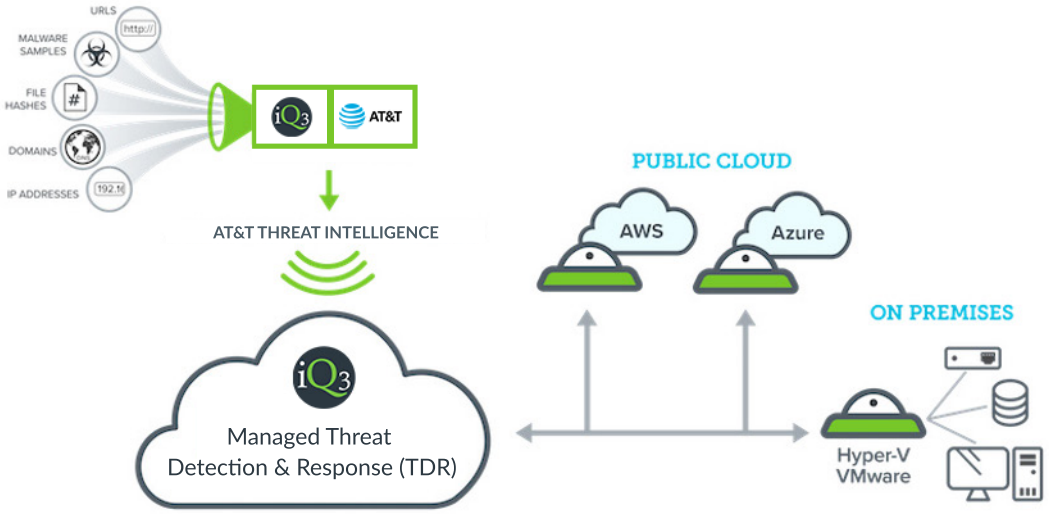
Compliance-Ready Cold Storage

iQ3 Managed TDR supports long-term log retention, known as "cold storage." By default, iQ3 Managed TDR enables 12 months of cold storage with the ability to extend your long-term storage capacity. In addition, iQ3 Managed TDR supports a "write once, read many" (WORM) approach to prevent log data from being modified. Logs can be readily requested for a specific date range from iQ3 as needed.

Integrated Threat Intelligence for the Best Protection

iQ3 Managed TDR receives continuous threat intelligence updates from the iQ3 Security Operations Team. This dedicated team spends countless hours researching and analyzing the different types of attacks, emerging threats, vulnerabilities, and exploits—so you don't have to.

iQ3 Managed TDR leverages community-sourced threat intelligence from the AT&T Open Threat Exchange® (OTX™). OTX is the largest and most authoritative crowd-sourced threat intelligence exchange in the world, providing security for you that is powered by all. Over 80,000 participants from more than 140 countries contribute 20 million threat indicators daily to OTX. AT&T analyse raw OTX data with a powerful discovery engine that is able to granularly analyze the nature of the threat, and a similarly powerful validation engine that continually curates the database and certifies the validity of those threats. The result—your TDR environment uses the the latest emerging threat intelligence to keep your organization secure.



Immediate Scalability. No Forklift Upgrades.

iQ3 Managed TDR scales with your business needs. You can add or remove software Sensors and Agents, bring on additional cloud services, and scale central log management as your business needs change. iQ3 Managed TDR is based on the monthly raw log ingestion capacity.

All of the essential security capabilities are included in the subscription and scale with the system's capacity:

- Maximum raw data ingestion per month subscription
- Subscription tiers for all environment sizes starting at 250GB per month
- Support and maintenance included
- Integrated AT&T Threat Intelligence included
- 12 months of cold storage included, with the ability to extend your storage capacity

iQ3 TDR Sensors and TDR Agent

The iQ3 TDR Agent is a lightweight, adaptable endpoint agent based on osquery that extends the powerful threat detection capabilities of iQ3 Managed TDR to the endpoint. It enables endpoint detection and response (EDR), file integrity monitoring (FIM), and rich endpoint telemetry capabilities that are essential for complete and effective threat detection, response, and compliance. You can deploy the iQ3 TDR Agent on your Windows and Linux endpoints in the cloud, on premises, and remote.

iQ3 Managed TDR gives you deep security visibility into your cloud and on-premises environments. Our sensors conduct scans, monitor packets on the networks, and collect logs from assets, the host hypervisor, and cloud environments. This data is normalized and securely sent to iQ3 TDR for analysis and correlation.

SENSOR TYPE	SYSTEM REQUIREMENTS
AWS Sensor	t2.large instance in Amazon VPC or m3.large instance in EC2-Classic 12 GB EBS volume for short-term storage as data is processed
Azure Sensor	D2 Standard or DS2 Standard 12 GB Data volume
VMware Sensor	Total Cores: 4 Ram: 12 GB of memory dedicated to VMware Storage: 100 GB data device and 50 GB root device (150 GB total) VMware ESXi 5.1 or later
Hyper-V Sensor	Total Cores: 4 Ram: 12 GB of memory dedicated to the Hyper-V virtual machine Storage: 100 GB data device and 50 GB root device (150 GB total) 2012 R2 OS with Hyper-V Manager or System Center Virtual Manager (SCVMM)
SENSOR PERFORMANCE	
IDS Throughput (Mbps)22	600

1 In each environment listed above, internet connectivity to your TDR instance is required.
2Actual sensor performance may vary depending on environment, configuration, etc.
3 IDS throughput relates to on-premises network-based IDS. It applies to the VMware and Hyper-V sensor types only.

Additional sensors can be added to your iQ3 TDR service by retrieving additional sensor authorization codes from the Deployment UI page. You cannot exceed number of sensors that are included in your subscription, however you are not restricted on which mix of sensors that you use. You can purchase additional sensor licenses as you need.

ABOUT iQ3

iQ3 is an agile and dynamic Australian IT company delivering Infrastructure-as-a-Service (IaaS) via private, public and hybrid cloud solutions.

With our head office in Sydney and regional offices across APAC, iQ3 provides solutions across a wide range of industry sectors including government, education and commercial organisations.

iQ3 continues to deliver value and relevance to our clients who appreciate their flexibility and experience in delivering highly effective and commercially viable solutions. This has gained iQ3 a Strong reputation as leaders in the infrastructure and cloud solutions marketplace.