

Mocana Device Monitoring & Analytics Platform

The Mocana® Device Monitoring and Analytics (DMA) platform is a zero-coding, high-assurance, efficient, flexible solution for device risk monitoring based on platform attestation, system, network and file system events.

The DMA platform includes the following components (see Figure 1 below):

- › TrustCenter Log Service
- › TrustCenter Message Broker (Kafka)
- › TrustCenter Event Viewer
- › TrustCenter CyberWall Studio Extension for Monitor Policies
- › TrustEdge Monitor Client (agent) binary with an installer for Linux platforms. The agent runs as a service and provides indicators of risk over a message bus.

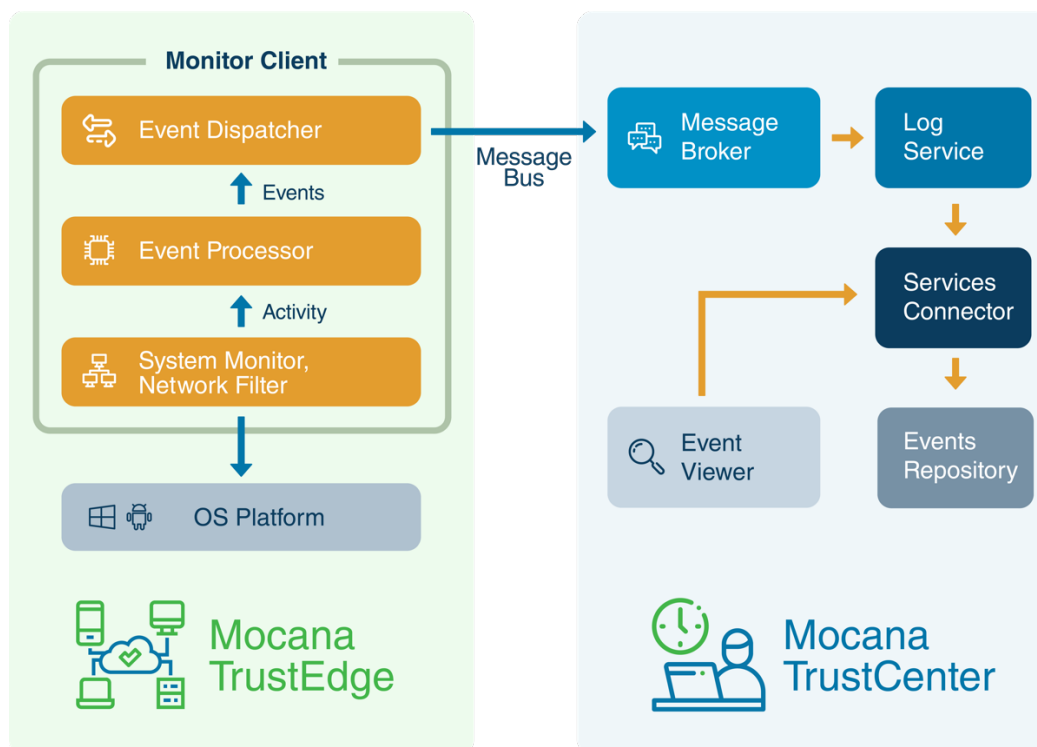


Figure 1. Mocana DMA Components

Features and Benefits

- › Integrated FIPS 140-2 Level 1 cryptography engine
- › Integrated with Mocana TrustCenter™ for key and certificate lifecycle management
- › High availability (HA) configuration for the message broker
- › Monitor Clients for Linux based platforms
- › Digitally signed system, network and file system event notifications based on tamper resistant policies
- › Platform attestation from a root-of-trust anchor (TPM)
- › No CPU intensive log analysis or local storage
- › REST APIs for AI/ML and orchestration engines to harness trusted device intelligence for condition-based maintenance and digital twins
- › Device simulator for ecosystem modelling of risk indicators (e.g., cyberattacks)

Mocana Cyber Protection Platform

Mocana TrustCenter™ is a horizontal platform for embedded trust and convergence of information technology with operational technology. TrustCenter is a suite of services that can be hosted on-premise or in the cloud.



Figure 2. Mocana's DMA Solution Platform

About Mocana

Mocana protects more than 100 million devices worldwide and is trusted by the largest aerospace, industrial, energy, healthcare, and communications companies. Find out more at www.mocana.com.

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