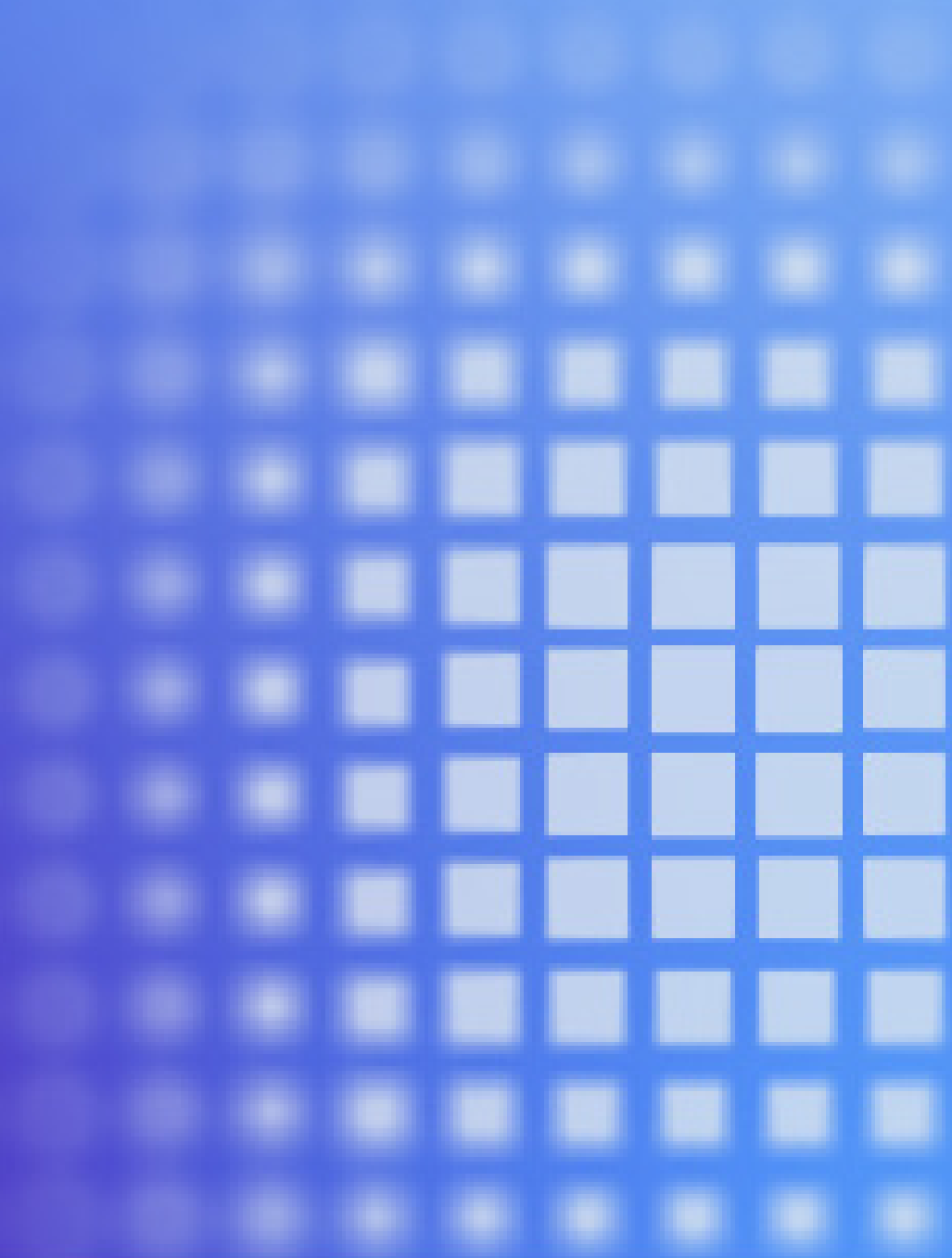


DECoDe

Smart way to integrate, manage and
maintain diverse device ecosystems



Introduction

With new asset categories, tools traditionally used by IT asset management teams cannot be extended to all devices. Enterprises often adopt a piecemeal approach to manage and maintain the new assets and appliances connected to them. This poses challenges to applying standard enterprise workflow and policies across networks, locations and roles.

The answer to this conundrum is the Dynamic Ecosystem of Connected Devices (DECoDe) by IoT WoRKS, a device management solution that helps manage, monitor, configure and troubleshoot IoT devices remotely from a consolidated dashboard.

Key Features

DECoDe offers a seamless and integrated view of the enterprise IoT ecosystem. The DECoDe platform dynamically aggregates PaaS, OEM Platforms and Protocols to bridge data silos and creates a unique enterprise device ecosystem. Other features include:

Device lifecycle and asset management

Supports definition of devices such as gateway and edge devices. Helps integrate devices and sets up devices per site with consolidated family management and role-based custom dashboards.

Device Services

Offers remote monitoring, configuration, control, remote firmware management and updates. Eliminates the need for the technician's presence by sending over-the-air (OTA) commands to the device.

Monitoring

Generates product-based usage reports, including remote condition monitoring of devices and sensors at individual and aggregate levels. Alert management - threshold configuration including notifications via email, messages and apps - is an added feature.

Consolidated Dashboard

Manages devices in heterogeneous device environments using a single consolidated dashboard.

Role-based Access And Security

Device and gateway access are based on roles, including security, ensuring secure connection and onboarding IoT devices with authentication and authorization services.

Unified Workflow and Integration

Defines standardized workflow to onboard and manage all devices in the environment, including Service Now integration CMDB/ITSM.

Benefits

DECoDe's quick onboarding leveraging device templating capabilities makes it easy to deploy the solution in a multi-vendor and heterogeneous device environment to introduce a standardized and unified workflow to manage thousands of various connected devices. Additional benefits include:

Consolidated Device Management

Cloud-agnostic single point of device configuration and control, firmware management and rollout, including a unified process to monitor and manage devices globally to ensure secure and rapid IoT ecosystem scalability.

Predictive Maintenance

Predicts failures, remotely manages devices and monitors and pre-empts downtime to resolve service problems.

Enhanced User Experience

Role and facility-based access, customizable reports and alerts enable better management of the IoT ecosystem.

Optimized Efficiency

Optimizes workforce and cost, reduces downtimes and spare parts inventory and improves first-time fix rates.

Success Stories

- A Global aerospace major deployed the DECoDe platform for end-to-end IoT device management services of 26,500 special devices.
- A major Latin American city deployed and managed 150k cameras to enhance outdoor public safety by implementing the DECoDe platform for remote camera and audio sensor monitoring. VMS solutions were deployed for video streaming.



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