



**Bosch IoT Suite**

Rollouts

# Service Descriptions for Bosch IoT Rollouts

## Service Name

Bosch IoT Rollouts

## Service Description

Bosch IoT Rollouts is a domain independent back-end solution for rolling out software updates to constrained edge devices as well as more powerful controllers and gateways connected to IP based networking infrastructure. Devices can connect to the Rollouts server either directly or indirectly through federated device management servers.

## Features

- A device and software repository.
- Artifact content delivery.
- Software update and campaign/rollout management.
- Reporting and monitoring.
- Device integration interfaces provided for:
  - direct device integration.
  - custom device connectivity federation (i.e. indirect device integration).
- Management interfaces:
  - an API for IoT solutions or applications to manage the repository and rollouts.
  - a Management UI/Console for operators to manage and run rollouts.

## System Requirements

- For web based user interfaces: Desktop browser with [WebSocket support](#)
- For HTTP based APIs: HTTP 1.1 compatible client with TLS encryption support
- For Device Management Federation API: [AMQP 0.9](#) compatible client with TLS encryption support
- Resilience:
  - Due to it's nature of distributed systems and network based communication, your devices and applications need to be able to bridge small interruptions or latencies.
  - All usage of our service by APIs should apply a systematic approach for managing re-tries incl. an exponential back-off, as well as re-connects.

## Privacy Leaflet

Find information about data protection and privacy topics of the service in the [Privacy Leaflet](#).



# Bosch IoT Suite

<https://bosch-iot-suite.com/>  
<https://www.bosch-digital.com/>

## Imprint

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