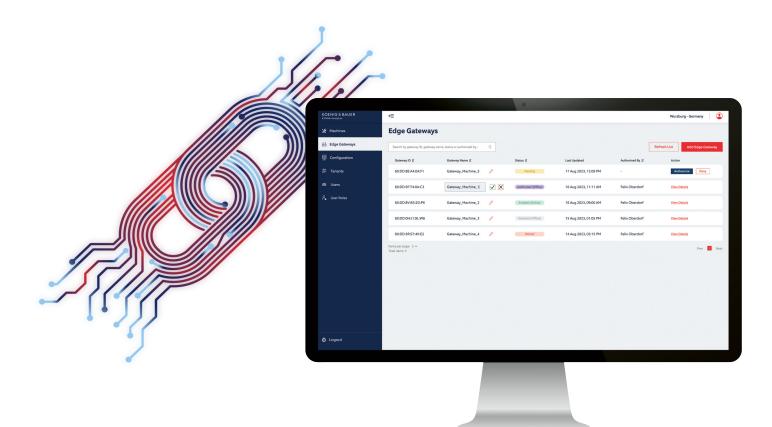# KOENIG & BAUER

KYANA Connect

Technical Specifications

The edge device KYANA Connect acts as an IIot gateway between your machines and the Koenig & Bauer cloud. KYANA Connect enables you to take full advantage of the capabilities of Koenig & Bauer's digital product world - now and in the future.

KYANA Connect allows you to seamlessly connect your machine to the Koenig & Bauer cloud and securely transfer production and machine data. It also establishes a wide range of protocols such as TCP, FTP, OPC UA, MQTT that can be integrated on demand. For maximum flexibility, KYANA Connect is available as a software-only installation that can be operated in your existing IT infrastructure. If a separate hardware device is required at your end, we can provide you with suggestions.

Technical requirements

System requirements for the operation of KYANA Connect
- Operating System: Linux Ubuntu 16 TLS or higher | Windows 10 V2004 or higher
- Installed Container Environment (Docker)
- Minimum 8GB RAM/128 GB disk space
- CPU: Intel i5 9th gen, AMD Ryzen-5 1st gen or higher
- 2x Ethernet network ports

Highest safety standards

KYANA Connect allows your machine to work with its existing configuration without being exposed to outside networks. For any kind of data transfer and connection, the edge device initiates the request on an outbound port only. No incoming requests are accepted. The device will be authenticated with an X.509 certificate and the traffic is going to be securely handled over HTTPS and the TLS 1.2 protocol.

Initial installation

Connectivity to the machine and Koenig & Bauer Cloud
KYANA Connect must be connected both to your machine and to the Koenig & Bauer Cloud. Prior to installation, we will provide you with a detailed list of the relevant ports for communication. Your IT department should be able to easily configure access based on this information.

Installation of the application
For the installation of the KYANA Connect application, we provide you with an installer which will spin up the necessary components. Possible firewalls need to be configured to allow traffic accordingly.

Performing updates

Further updates are optional and can be performed remotely. Newer versions of the KYANA Connect application will be visible on the web interface. It is up to the user to decide if they want to update and at what point in time.

It is important to note that no machine downtime is required during the initial installation and updates of the KYANA Connect edge device. Your production process can continue to operate as normal.

Feel free to contact us for any open questions.

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we're on it.