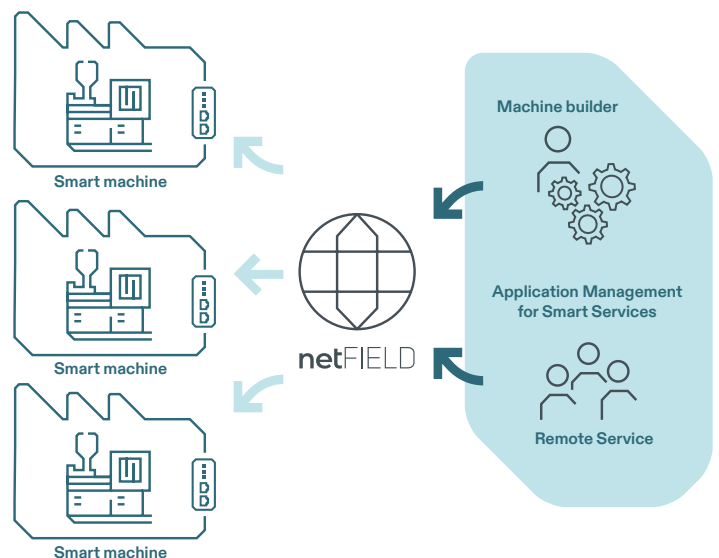


netFIELD Device Management

for the Industrial Edge

- Centralized management of any edge device and entire device fleets
- Reduction of TCO through efficient orchestration of distributed edge applications
- Ready-to-use infrastructure enables immediate launch of digital business models
- Scaled for businesses with hierarchical organization structures
- CRA-compliant implementation of networked machines



Digital into the future

The netFIELD edge management platform is a reliable and scalable platform for implementing your own Industrial IoT solution at the IT-OT edge or a hybrid: from remote maintenance of machines and predictive maintenance to new data-driven service business models. netFIELD supports both IIoT retrofitting and completely redesigned solutions.

When you rely on netFIELD, you're profiting from Hilscher's years of experience in industrial communication and automation solutions for the proven implementation of IT-OT convergence and Industry 4.0 solutions.

Scaling Industrial IoT to larger numbers of machines, edge gateways, and edge software components is a challenge that is often underestimated.

Operating edge gateways and the edge computing applications that run on them requires regular maintenance of the operating system, distributed software, IIoT data streams and integration with automation networks. Further requirements arise from the cyber security regulation (CRA and NIS-2).

netFIELD is our answer to these challenges.



→ netFIELD Device Management
Hotline: +49 (0) 6190 9907-90
www.hilscher.com

Product Information

Technical Data

General

URL https://netfield.io	Integration and interfaces
Billing model Monthly service fee for SaaS product	Interfaces for cloud integration All essential system functions can be used via REST APIs
	Standardized data interface (Cloud & Edge) MQTT Broker

Hardware requirements

Supported edge devices Edge gateways or industrial PCs with netFIELD Client (netFIELD OS or netFIELD extension for Linux)
Connectivity The Edge device must be able to connect to the Internet

Software requirements

Web browser A current web browser, e.g., Google Chrome, Microsoft Edge, or Apple Safari, is required to operate netFIELD Cloud
Software containers Software applications for distributing to edge devices must be deployed as Docker containers

Comparison of product variants

netFIELD Cloud is offered as a Software-as-a-Service (SaaS) and hosted in Germany by Hilscher. You can choose between five variants:

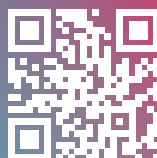
	netFIELD Cloud Free	netFIELD Cloud Starter	netFIELD Cloud Essential	netFIELD Cloud Business	netFIELD Cloud Enterprise
Part number	-	1917.151	1917.101	1917.111	1917.121
Max. number of users	2	5	10	Unlimited	Unlimited
Maximum number of edge devices	2	20	150	Unlimited	Unlimited
Edge device management	✓	✓	✓	✓	✓
Software container management	✓	✓	✓	✓	✓
Fleet management functions	✓	✓	✓	✓	✓
Hierarchical sub-organizations	✗	✗	✗	✓	✓
Zero-touch onboarding support	✗	✗	✗	✓	✓
Single sign-on integration	✗	✗	✗	✓	✓
Dedicated server with own domain	✗	✗	✗	✗	✓

Related products

Product overview	Part number	Description
NFX8M-D2-N32-010	1918.010	netFIELD Compact X8M - Edge Gateway with remote management option (ARM)
NFX86-D8-N128-021	1918.021	netFIELD Unity - Edge Gateway with remote management option (x64)



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Free Account:
<https://netfield.io>