



Connect to your machine equipment across the world

Reduce on-site visits and simplify **remote access configuration** by remotely accessing your industrial machine equipment in a secure way

Printing machine
Device status

Remote access Maintenance Performance

Printing machine Online
Eindhoven, NL

Remote Access

- HTTP SERVER
- HMI CONTROL PANEL
- VNC SERVER

VPN

CONNECT

OEE

75%

PROPRINT MACROVIEW HMI SCREEN

Print head		
Ink level summary		
Ink level (ml)	43,90	43,90
Ink name	8K652	8K652
Prints remaining	122453	236577
Prints per 10 ml	31245	13454

A proven and reliable remote access solution supports machine builders, system integrators and engineers working remotely in industrial automation. It is used to remotely monitor, access and repair industrial machines in use at customer sites.

“About 90 percent of operating problems faced by industrial machine builders, original equipment manufacturers (OEMs) and manufacturing companies can be solved by industrial remote access to a machine’s control system.”



Advantages

Simplified remote PLC access

Commission, service and maintain your machine throughout its entire lifecycle in one central platform with remote PLC access over VPN.

Monitor your machines at any time

Control and monitor your machines at any time –no matter where you are –with instant remote access to your PLC, HMI or robot from your smartphone or browser.

Increase machine uptime

Get instant ROI and boost customer satisfaction with industrial remote access by troubleshooting the machine's PLC at the first sign of an issue.

High-speed VPN

Set up a stable and high-speed remote connection to your PLC, HMI, IPC, robots & IP cameras from your browser. Your machines will automatically connect to the nearest VPN server in the IXON Cloud network.

Web-based

Get instant remote access to your control panels via your mobile device without the need for local VPN clients. View diagnostic information, status or configuration via the HMI or local web server in your PLC, robot or teach pendants.

No user licenses

You don't have to make unsafe concessions while still providing everyone with access to their machines. The centralised platform allows for license-free and secure collaboration with colleagues and customers.



Easily connect to your machines in minutes

The IXrouter is an advanced edge gateway used to connect your machines to the cloud. It is designed to offer you secure remote connections between PLCs, Industrial PCs, robots, HMIs, and the IXON Cloud platform.

Step 1

Create your company account on IXON Cloud

To manage all your machines, just register your free company account on the IXON Cloud. Invite your colleagues and you're ready to start connecting all your devices –unlimited and free of charge.

Step 2

Connect your device to the IXON Cloud

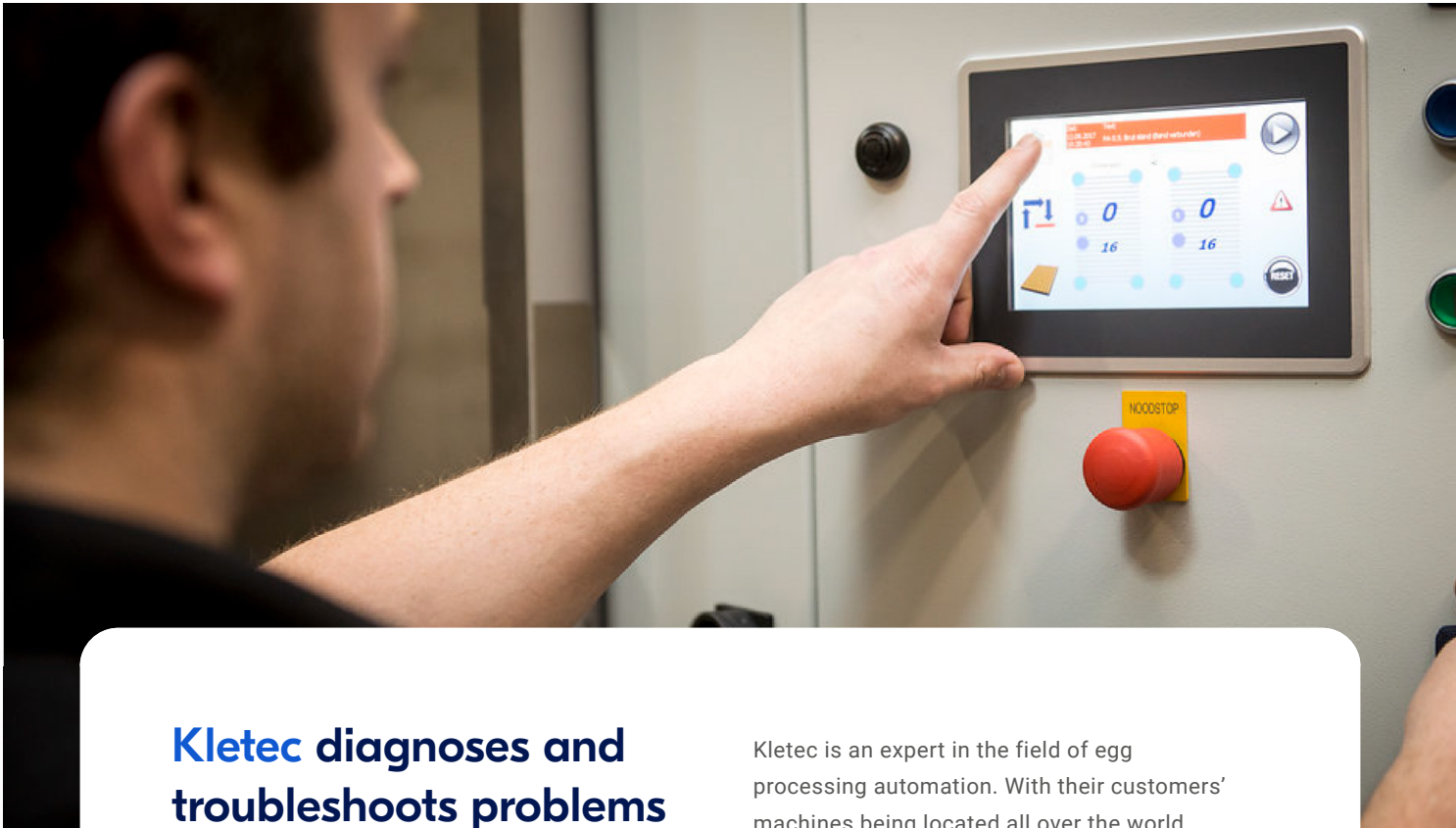
To get your machine connected to the cloud, you need to attach an IXrouter (edge gateway) to your device. Set up the network configuration and it will automatically connect to your company account on the IXON Cloud within minutes.

Step 3

Setup a secure remote VPN connection to your PLC

Once your machine or system is connected, it's remotely accessible using a secure VPN connection. With a single click on the IXON Cloud, a fully secure VPN tunnel is set up between the engineer and the machine as if you were on-site. No firewall stress.

Now you can download and upload PLC programming software for troubleshooting!



Kletec diagnoses and troubleshoots problems remotely



Kletec is an expert in the field of egg processing automation. With their customers' machines being located all over the world, they needed a solution that would allow them to safely connect and analyse the machines. With IXON's all-in-one solution they are able to help their customers in a fast, targeted way, regardless of time and location -which in turn improves service quality and customer satisfaction.

[To the case study >](#)

Ready to take the next step?

Get in touch with one of our IIoT experts or visit our website for more information.

[Get in touch >](#)