# UNIVERSAL ROBOTS

myUR Monitoring

# Cyber Security and Data FAQ

Revision: May 19th, 2022

![UR] UNIVERSAL ROBOTS
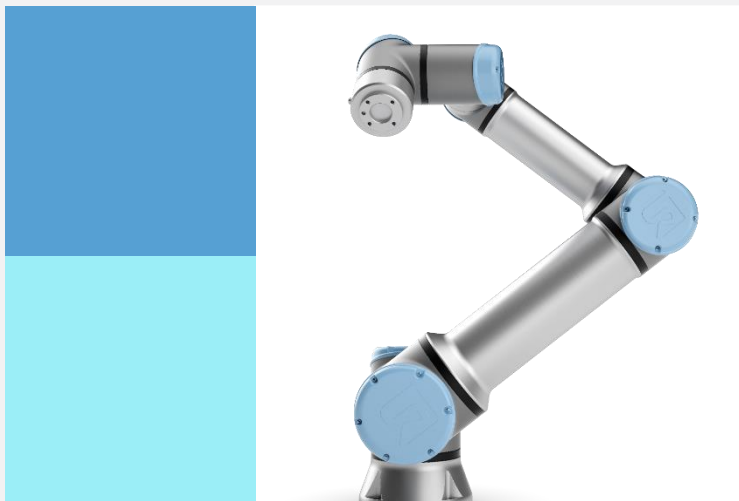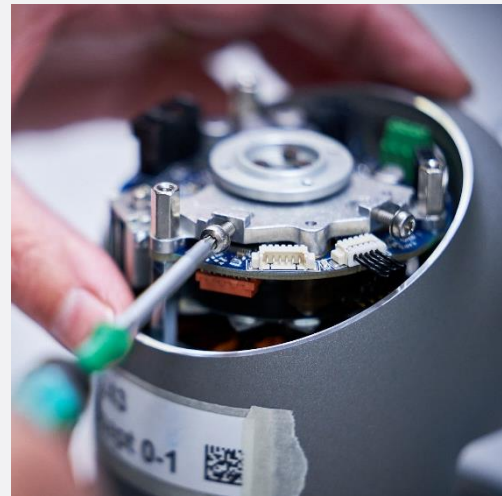
Cyber Security and Data FAQ

Connectivity Overview
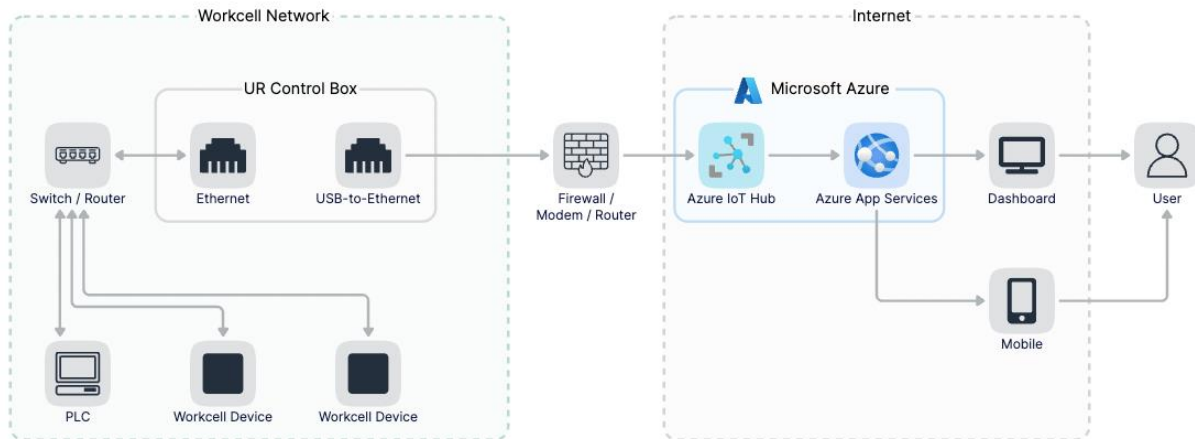
Cyber Security

Do I need to open any inbound ports in my firewall?

No. All connections are outbound.

What outbound traffic does myUR monitoring have?

For normal use, TCP traffic on port 443.

For diagnostics, ping (ICMP request type 8) is also used.

What risk does connecting the cobot to an additional network using an USB-to-ethernet adapter entail?

The USB-to-ethernet network interface is protected using an iptables based SW firewall with no open ports.

However, dual-homed network configurations always introduce some risk. We recommend you connect to a segmented network, and secure your cobot (see this link)

UNIVERSAL ROBOTS

Data Protection

Does myUR monitoring transfer sensitive data?

Every 5 seconds, the myUR monitoring URCap transmits robot status, system status, errors, log messages, and selected program variables.

Is the data from my robots encrypted when transferred?

Data is transported using MQTT encrypted using SSL.

The dashboard is only accessible through HTTPS, which is also encrypted using SSL.

Where is my data sent?

The Microsoft Azure datacenter in Europe.

Does Universal Robots store my data?

Yes. For now, the user can download logs that are stored on the Azure cloud. Longer term we will add more functionality to myUR monitoring that will use historical data to create insights.

Is the storage of my data secure?

The data is stored in Microsoft Azure datacenter which is using state-of-the art security measures.

How is this product certified?

Universal Robots is working in accordance with NIST Cybersecurity Framework (CSF).

Universal Robots is working towards IEC62443 compliance.

Certification	Status
SOC 2	No
SOC 3	No
ISO 27001	No
TISAX	No