



How to connect SmartCheck and ProLink to Schaeffler OPTIME Cloud Services

Version: 01.04.2021

In 5 steps to the connection - *see following slides for details*

once

Decide on a connection solution – align with your IT: enable an existing network or set up a separate network solution

1 Send us your OPTIME tenant ID and device serial numbers of SmartCheck and ProLink systems you want to connect

2 Download the Schaeffler Cloud Onboarding Files (SCOF) from your OPTIME tenant file area

3 Upload the SCOF files to the devices, navigate to the QR codes in the configuration/communication menu

4 Use the OPTIME app with the QR codes to map the new devices into your OPTIME asset structure

Customer one-pager: Onboarding procedure end-to-end

Precondition: Schaeffler OPTIME tenant and service contract is in place

No Schaeffler OPTIME tenant yet? Please contact us at optime@schaeffler.com

Registration & Validation process



Process generates SCOF* files and stores it in OPTIME tenant file sharing area



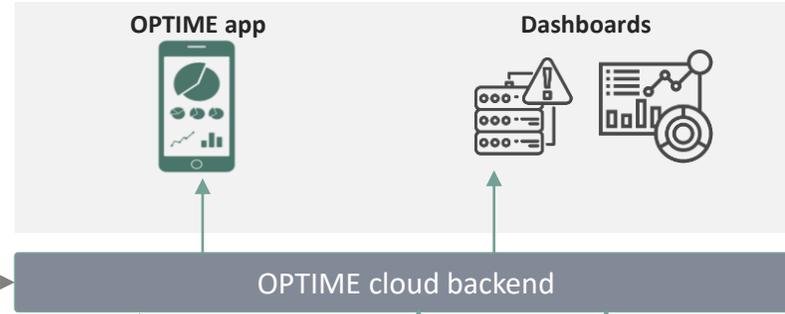
Link:

cm_device_onboarding@schaeffler.com

1

Provide list of device serial numbers and Tenant IDs

2
Download SCOF* files



Use app and dashboards as known from OPTIME

once

One time to allow route to Azure IoT Hub or Separate LTE router solution

Customer Environment

Customer

*SCOF = Schaeffler Cloud Onboarding File
Contains device license, cloud configuration details and authorization information in one step

X Customer managed steps

Details on steps 1 and 2

OPTIME: Provide tenant ID

SmartWeb software of SmartCheck/ProLink: Provide device serial number

Entry	Version
Coprocessor	V63(io)
Database	1.20.9
Database checksum	08351ecb3dbe4513ba297df
Device ID	C25BB122-52A5-470E-B405
Firmware	1.22.0
Kernel	4.9.184-SmartCheck-BSP
Maintenance system	1.0.22.395834-20170320173011
Minimum software version	1.22.0.0
Product ID	C25BB122-52A5-470E-B405-F93F11232032
Root file system	0.0.1
Serial number	f4:3d:80:00:35:3d
UDP protocol	1.2.2
WSDL specification	2020.08.25

1



Link:

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***SCOF = Schaeffler Cloud Onboarding File**
Contains device license, cloud configuration details and authorization information in one step

OPTIME: Download Zip file with SCOF files

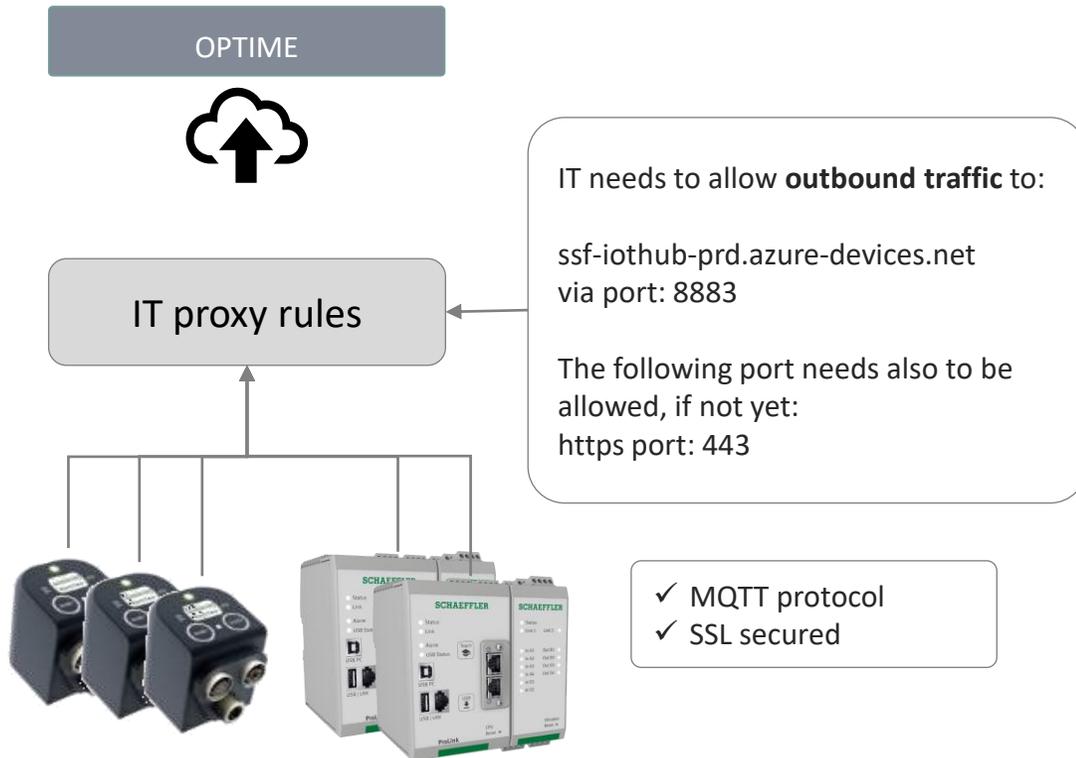
SmartWeb software of SmartCheck/ProLink: Upload appropriate SCOF file for each device

Browse the appropriate file and upload to device

Details on step **once** Proxy setup or Separate LTE router solution

Proxy setup in customer IT solution:

- IT can fully control traffic by proxy based limited permissions
- reuse existing IT infrastructure
- only encrypted outbound traffic!



Separate LTE router solution:

- separate network / LTE router setup
- no interference in the existing IT infrastructure
- only encrypted outbound traffic!

