

Online security, TAGARNO microscopes

At TAGARNO the internet security of our online microscopes has been a major priority when designing the latest cloud enabled operating system.

For this reason, HTTPS is used exclusively to guarantee the confidentiality, integrity, and authentication of all exchanged data.

In technical details, the TAGARNO microscopes are depending on access to these two services online:

tagarnofirmware.digital

Firmware images are AES 128-bit encrypted to guarantee authenticity and only deploy firmware developed by TAGARNO.

Microsoft Azure Cloud:

tagarnoapimanagement.azure-api.net

All TAGARNO Cloud functionality is handled here.

Communication to the above online services is initiated by the microscope, where after the HTTPS connection is closed again.

When a microscope is connected to a corporate network, we firmly recommend using a firewall.

Rules should be configured to allow access to port 443 (HTTPS) exclusively. In addition extra rules to only allow access to the above services can also be added.

This inherent secure setup guarantees that a microscope cannot be reached from the “outside world” and is prevented from performing any unsecure HTTP requests.

With this detailed technical information, we hope you will feel confident in cloud enabling your TAGARNO microscope.

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