	IT - checklist for Saveris 2	
1	**The supported networks are 2.4 GHz IEEE 802.11 b/g/n. Other networks (for example 5.0 GHz networks) are not supported.**	**OK / NOK**
Action	You can check this in the configuration of your WiFi router/accesspoint (log in on the router/accesspoint). Or check this with your IT-department.	
2	**The WIFI encryption standard has to be WPA2 / WEP / WPA. Other forms of encryption are not very common and not supported. This also counts for WPA2 Enterprise (802.1x/EAP), which is currently not supported by our system.**	**OK / NOK**
Action	Following WIFI settings are allowed for our system: - WPA - WPA2 with encryption TKIP - WPA2 with encryption AES - WEP EAP-TLS EAP-TTLS-TLS EAP-TTLS-MSCHAPv2 EAP-TTLS-PSK EAP-PEAP0-TLS EAP-PEAP0-MSCHAPv2 EAP-PEAP0-PSK EAP-PEAP1-TLS EAP-PEAP1-MSCHAPv2 EAP-PEAP1-PSK Please make sure to use the appropriate certificates and/or individual user names and passwords dependent on the chosen method. **Note:** Only the following cryptographic types can be used (or lower): • SHA1 up to 160 Bit length • SHA256 up to 256 Bit length • MD5 up to 128 Bit length • RSA up to 2048 Bit length • DHE up to 2048 Bit length • ECDHE up to 160 Bit length Please use the Root-CA-certificate. Subordinate certificates are not supported for the ca.pem.	
3	**The testo Saveris 2 WiFi data loggers use the MQTT protocol, which communicates via port TCP 1883. These UDP port approvals are also required:** **- Port 1883** **- Port 53 (DNS name resolution)** **- Port 123 (NTP time synchronisation)** **All ports must be able to communicate only externally to the Cloud. No bi-directional port approvals are necessary.**	**OK / NOK**
Action	Check this with your internet-provider.	
4	**The default gateway which must be communicated to the probe via DHCP or manually, must answer the PING request of the WiFi data logger.**	**OK / NOK**
Action	You can check this in the configuration of your WiFi router/accesspoint (log in on the router/accesspoint). Or check this with your IT-department.	
5	**testo Saveris 2 application: The testo Saveris 2 application is accessable via a normal, up-to-date browser (www). The Standard TCP ports http (80) and https (443) are used.**	**OK / NOK**
Action	Normally this should be fine.	