RA Ecosystem Partner Solution
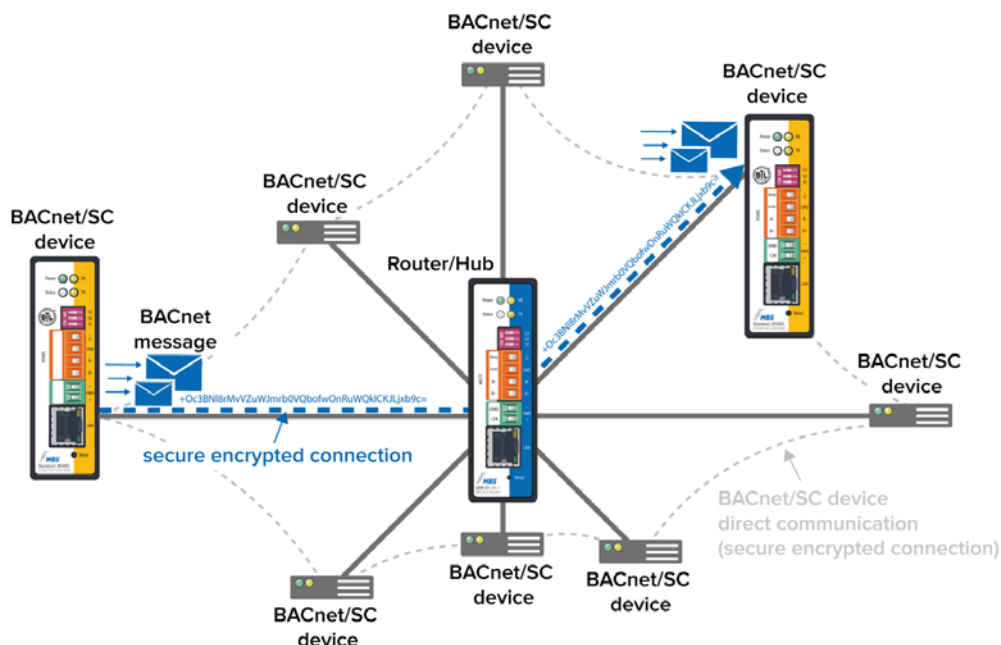# MBS BACnet Secure Connect

Solution Summary

BACnet Secure Connect (BACnet/SC) is an addendum to the existing BACnet specification and uses the Transport Layer Security (TLS) protocol which ensures bug-proof and tamper-proof communications. TLS is also widely used as the foundation for secure internet access (https) in IT. On RA series CPUs with an encryption engine, this is automatically used by the stack* to encrypt communication according to the BACnet/SC standard.

Features/Benefits

- Building automation for optimum protection
- Minimising risk to safeguard critical infrastructures
- Failover mechanism
- Topology significantly simplifies configuration, commissioning and administration
- Encryption and certificates
- Transport Layer Security (TLS)

Target Markets and Applications

- Infrastructure / supply chain safeguards
- Building automation
- Supply guarantee directives, such as the European Program for Critical Infrastructure Protection (EPCIP)

MBS GmbH

MBS has been an innovator in industrial and building automation for more than 30 years, delivering state-of-the-art hard- and software and assisting our customers in solving their technical needs.

The MBS Universal gateways are based on the same product platform and therefore offer an extraordinary degree of versatility and flexibility for adapting to changing requirements – an advantage that results in especially low total costs. In addition, MBS offers full-service, customized software and hardware development, OEM products, consulting, training and support and on-site commissioning.

MBS has been involved in the relevant associations of the industry for years, both nationally and internationally. These include BACnet Interest Group Europe (since 1999), BACnet International, OCF (Open Connectivity Foundation) and Thread Group. In other words, we are actively involved in many industry standards and are helping to shape the future of traditional industrial and building automation as well as the Internet of Things.

As manufacturers we offer you comprehensive expertise and a wide selection of products that meet all your requirements – made in Germany.

Company Overview

For more information visit: www.mbs-solutions.de

www.mbs-solutions.de/bacnetsc