DAVITOR
DEVELOPMENT ENGINEERING

DT-19

DAVITOR DT-19 provides an optional interface to a meshed radio protocol* where the meshed units are packed as BACnet objects. DT-19 also supports JavaScript where bindings between BACnet objects can be made in an elegant and dynamic way. All available BACnet objects and methods for bindings are accessible through a dynamic dropdown folder three. BACnet objects on your local network or on a different network connected through DAVITORS Secure DT-GW appears so that bindings with all available logic in JavaScript is supported.

• DAVITOR DT-19 is as BACnet/IP Controller with Ethernet and meshed radio* connectivity that can Communicate seamlessly with all BACnet standard application on the market.

• DAVITOR DT-19 Support binding of BACnet objects and logic code through JavaScript.

Input: 5V ▬ ▬ ▬ 0,5A CE ☒ RoHS

* TM MIRA from LumenRadio

ASHRAE **BACnet**

- BACnet over IP and Meshed radio* network controller.
- DT-19 supports configuration of BACnet objects by JavaScript.
- No compilation or upload of configuration is necessary.
- Any logic that can be used in JavaScript may be used here as well.
- No tools or external software is necessary .
- Just surf on to the DT-19 and write the logic with the bindings from the drop down menu.
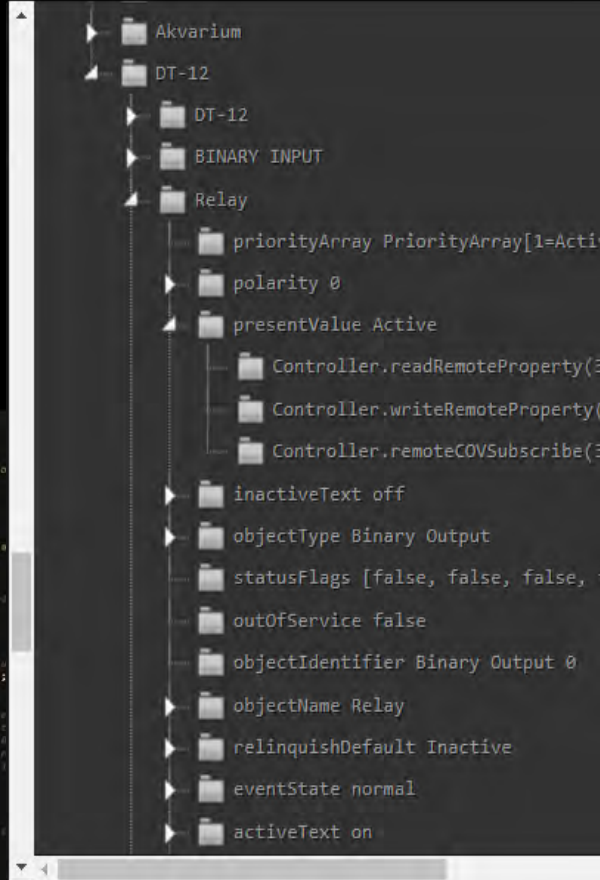- Easy installation.
- DIN-mount.
- Plug and play Hardware.

DT-19

DAVITOR DT-19 is an elegant way to create bindings between BACnet objects with the support of all the logic and syntax that JavaScript has. This eliminates the need for coding software, storage of your system configuration etc. Just imagine 20 years from now, when you want to change something in your automation system. All you need is an IP address to your DT-19.

• Just log on to your DT-19 and create or Edit bindings and logic for your automation system.

• All BACnet objects appear in a drop down folder three.

• Keep expanding and functions available for that BACnet object appears, such as for examples bindings with COV.

• Radio mesh object appears as BACnet objects as well.

• All logic and syntax provided by JavaScript may be used.
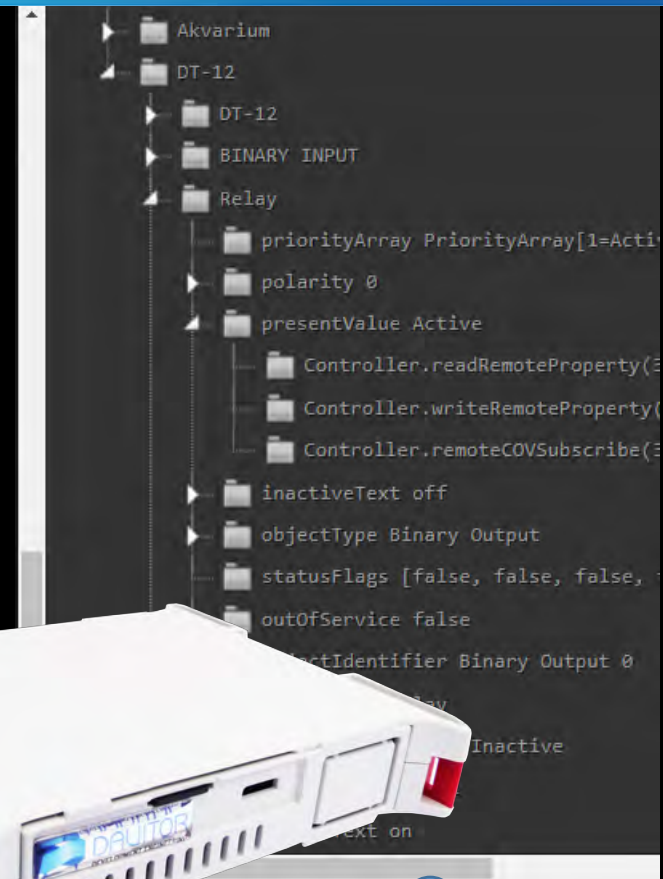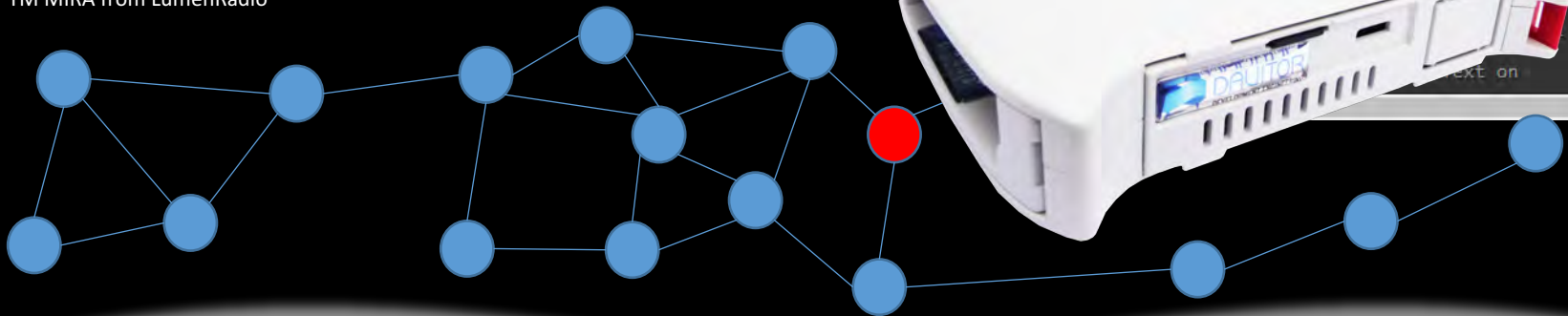
www.davitor.com

DT-19

DAVITOR DT-19 provides an optional interface towards Meshed Radio* network such as MIRA from LumenRadio devices. With Meshed Radio* networks all nodes forwards information so that the range can be extended for every Meshed Radio* node in your system. Mesh topology network designed for high reliability and scalability can be used for a wide range of applications, in DT-19 these devices are capsuled in to BACnet objects.

• Long linked system such as Street lighting and building networks may be built.

• Radio mesh object appears as BACnet objects.

• Meshed Radio devices may be connected to other BACnet objects.

• For single devices a longer range can be provided.
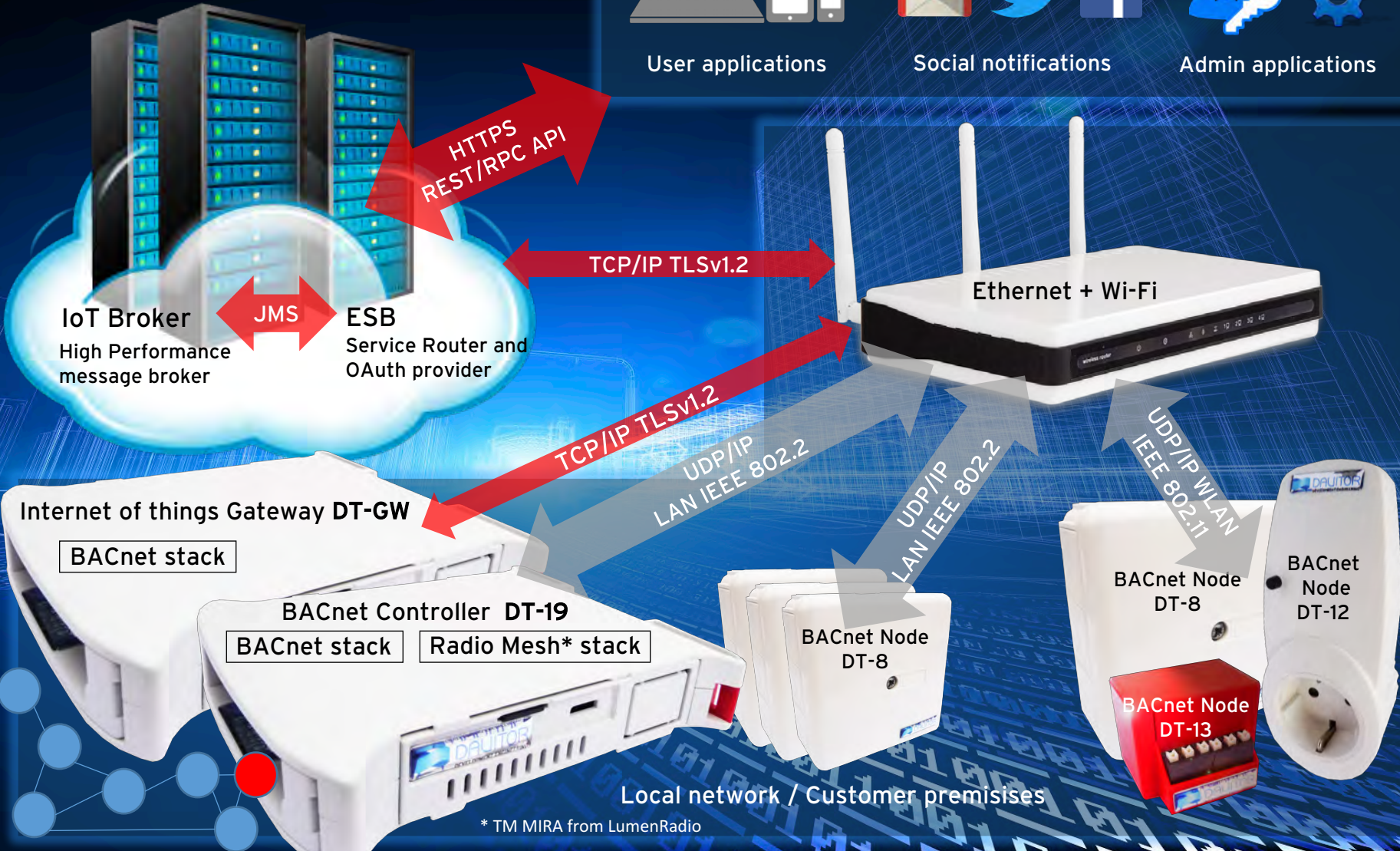
* TM MIRA from LumenRadio

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DAVITOR BACnet
IoT-network, logical overview

User applications

Social notifications

Admin applications

HTTPS
REST/RPC API

TCP/IP TLSv1.2

Ethernet + Wi-Fi

IoT Broker
High Performance
message broker

JMS

ESB
Service Router and
OAuth provider

TCP/IP TLSv1.2

UDP/IP
LAN IEEE 802.2

UDP/IP
LAN IEEE 802.2

UDP/IP WLAN
IEEE 802.11

Internet of things Gateway DT-GW

BACnet stack

BACnet Controller DT-19

BACnet stack   Radio Mesh* stack

BACnet Node
DT-8

BACnet Node
DT-8

BACnet
Node
DT-12

BACnet Node
DT-13

Local network / Customer premisises

* TM MIRA from LumenRadio