SIMPLICITY® SMART EQUIPMENT CONTROLS SYSTEM

MOBILE ACCESS PORTAL DEVICE (MAP Gateway)
FOR USE ON ALL 3 – 40 TON PACKAGED PRODUCTS AND
7.5 – 50 TON SPLIT SYSTEM PRODUCTS
Simplicity® SE controls offer optimized access to the complete Fraser-Johnston® family of heating and cooling HVAC equipment. Now with the optional Mobile Access Portal Device (MAP Gateway), you can access the Simplicity® SE control system from anywhere using a smartphone, tablet, laptop or remote PC.

Get easy access to unit control with the MAP Gateway

The MAP Gateway is a pocket-sized portable web server that turns the screen of your PC or mobile device into the local unit’s display. It has a user-friendly look and feel that makes interacting with building automation equipment controls as simple as possible.

Stationary MAP Gateway device supports web-browser access from anywhere

Because the MAP Gateway device’s built-in web server supports HTML5-based browsers, no special app software is needed to view and edit equipment controller configuration parameters, setpoints, schedules and alarms. The MAP Gateway can be connected to the Unit Control Board by a supplied RJ-12 cable. This allows the user to access the single-point Wi-Fi® signal sent out by the MAP Gateway device. An RJ-12 cable is also provided that will allow the user to connect to a BAS network. An RJ-45 cable can be inserted into an additional port on the MAP Gateway device to connect to Ethernet.

Convenient Ethernet and Wi-Fi® connectivity — and more

With included Wi-Fi® support, your mobile device can access the MAP Gateway up to 100 feet (30 meters) indoors or 300 feet (91 meters) outside. Through the wired Ethernet port, you can connect remotely from anywhere over the Internet. Apply the optional Simplicity® SE communication card to a series of units and remote access is not only available on one unitary Simplicity® SE equipped product, but with many on a common network.

Offered in two convenient configurations:

- **Wireless portable model** — Carry it in your pocket
  The MAP Gateway easily fits in your tool bag or pocket and comes with a lanyard for hassle-free carrying to the site.

- **Stationary model** — Mount it on a wall
  Place a MAP Gateway on a wall, closet or anywhere an Ethernet hardwire connection is available to access single-unit controllers or a network of controllers over the Internet with your web browser.
In addition to a local connection, the MAP Gateway gives you three other entry points for communication:

On the roof: Use the portable MAP Gateway to communicate with mobile devices up to 300 feet (91 meters) away, use the SA/FC bus to access a single product or all the devices on the bus. The simple connectivity makes startup, commissioning and troubleshooting a breeze.

On a wall: Connect the stationary MAP Gateway device to a network sensor in an office, hallway or stairway.

Worldwide access: Use the Ethernet port to connect remotely with a secure HTTPS link over the Internet.
Flexible options for simpler communication

Offering the flexibility of many-to-one, multi-client connectivity, the MAP Gateway gives you access to any Simplicity® SE enabled device on a connected BACnet® Master-Slave/Token-Passing (MS/TP) field bus. Plus, you get the flexibility of choosing a MAP Gateway model that fits the way you want to work.

<table>
<thead>
<tr>
<th>MAP GATEWAY MODEL</th>
<th>POWER</th>
<th>PORTS</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portable Unit</td>
<td>Optional 100 – 240 V AC power supply</td>
<td>USB</td>
<td>Includes protective shell with lanyard for portable use.</td>
</tr>
<tr>
<td>(model S1-YK-MAP1810-0P)</td>
<td>Powered RS-485 (field bus port)</td>
<td>RJ-45, 8-pin (Ethernet)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Powered micro USB port</td>
<td>RJ-12 (for RS-485 Field Controller (FC)-Sensor/Actuator (SA) bus interface)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Optional external power supply</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stationary Unit</td>
<td>Includes 100 – 240 V AC power supply with 15 VDC output (for connecting to line current; may vary based on region)</td>
<td>USB</td>
<td>Includes mounting bracket with locking screw for permanent mounting to a wall or DIN rail.</td>
</tr>
<tr>
<td>(model S1-YK-MAP1810-0S)</td>
<td>Powered RS-485 (field bus port)</td>
<td>RJ-45, 8-pin (Ethernet)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Powered micro USB port</td>
<td>RJ-12 (for RS-485 Field Controller (FC)-Sensor/Actuator (SA) bus interface)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Optional external power supply</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Fraser-Johnston® family of products offers incredible comfort and systems built to last.
Want to know more? Contact your Fraser-Johnston® Distributor.