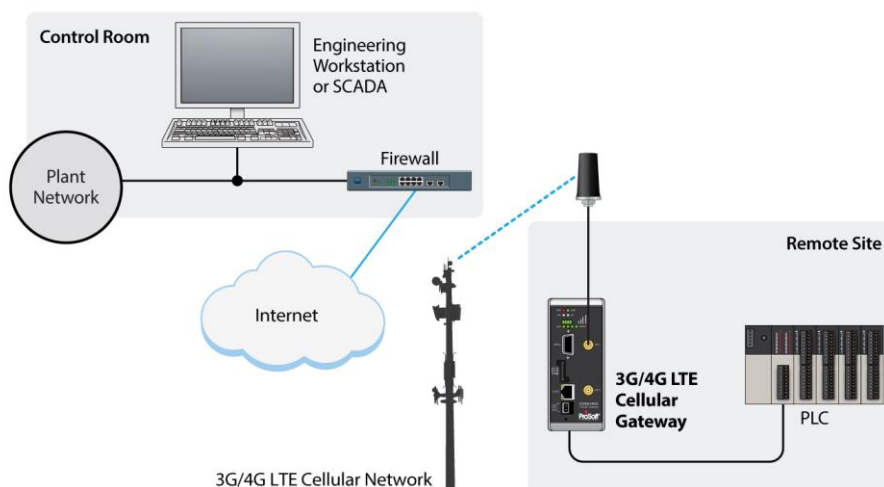


## Industrial Cellular Gateway ICX35-HWC

The ICX35-HWC Industrial Cellular Gateway is the ideal communication solution for system integrators and OEMs that have to monitor devices that are in hard-to-reach spots. With the gateway, they can monitor and troubleshoot their devices from anywhere in the world over 4G LTE cellular connections, with fallback to 3G. This ensures clear communications and longevity for the application.

An EtherNet/IP™ controller can send a message to the gateway, and read diagnostic data like signal strength, data usage, and more, allowing the user to avoid time-consuming and costly site visits.

The industrial cellular gateway can also be monitored through ProSoft Connect, ProSoft Technology's secure, cloud-native platform for the Industrial Internet of Things. This service can be accessed anywhere in the world, offering the user an intuitive Web interface from which they can monitor their automation devices in real time.



### Features

- ◆ EtherNet/IP object support. Your PAC/PLC can easily read diagnostic data from the gateway
- ◆ Integrates with ProSoft Connect, ProSoft Technology's secure, cloud-native platform for the Industrial Internet of Things
- ◆ Port forwarding – 10 entries maximum
- ◆ Supports SMS messaging with EtherNet/IP controller
- ◆ Secure VPN connections over Internet and cellular links for remote site access to corporate networks (VPN Client Mode)
- ◆ Can act as a NTP client and or server
- ◆ Built-in web server for local/remote configuration, monitoring and wireless network diagnostics

## Specifications

### Radio

|                     |  |
|---------------------|--|
| Cellular Technology | LTE, GSM, UMTS/HSPA+, GPRS, EDGE   |
| Frequency/Bands     | <b>ICX35-HWC-A:</b><br>Freq: 700/850/900/1700/1800/1900/2100 MHz<br>HSPA and HSPA+ Bands: 1,2,4,5,8<br>LTE Bands: 2,4,5,13,17,25<br>Quad-band EDGE/GPRS/GSM<br><br><b>ICX35-HWC-E:</b><br>Freq: 700/800/850/900/1700/1900/2100/2600 MHz<br>HSPA and HSPA+ Bands: 1,2,5,6,8<br>LTE Bands: 1,3,7,8,20<br>Quad-band EDGE/GPRS/GSM |
| Activation          | SIM Slot   |
| Security            | OpenVPN client, IPSec client, IP Address Filtering   |

### Physical

|                           |  |
|---------------------------|--|
| Enclosure                 | Extruded aluminum with DIN clip  |
| Dimensions<br>(H x W x D) | 5.52 x 2.06 x 4.37 in<br>14.01 x 5.24 x 11.09 cm   |
| Shock                     | IEC 60068-2-27; 20G @ 11ms (Operational)<br>IEC 60068-2-27; 30G @ 11ms (Non-Operational) |
| Vibration                 | IEC 60068-2-6; 10G, 10 to 150 Hz   |
| Ethernet Port             | (1) 10/100 Base-T, RJ45 connector  |
| Serial Port               | (1) DB9 female (serial tunneling & encapsulation)  |
| Antenna Ports             | (2) Female RP-SMA connector<br><b>Antenna(s) sold separately</b>                         |
| Weight                    | 14.5 oz (411 g)  |

### Environmental

|                        |  |
|------------------------|--|
| Operating Temperature  | IEC 60068 -22°F to +158°F (-30°C to +70°C)   |
| Humidity               | IEC 60068-30 5% to 95%, with no condensation |
| External Power         | 10 to 30 VDC                                 |
| Peak Power Consumption | < 6W   |

## Regulatory Approvals

### Wireless Approvals

Visit our web site at [www.prosoft-technology.com](http://www.prosoft-technology.com) for current wireless approval information.

### Hazardous Locations

ATEX: Zone 2 Cat 3  
UL/cUL: Class 1 Div 2

### Regulatory

NEMKO/CB Safety  
CE Mark  
ETSI  
FCC/IC  
PTCRB / AT&T Wireless Certified



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## Ordering Information

To order this product, please use the following:

## Industrial Cellular Gateway

ICX35-HWC-A (FCC model)

ICX35-HWC-E (ETSI model)

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to: [www.prosoft-technology.com](http://www.prosoft-technology.com) and select *Where to Buy* from the menu.

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