

ContainerPower Energy Solutions

Communication base station EMS installation stopped



Overview

What happens if I don't replace my base station module?

If you purchased your system prior to December 2019, your Base Station may still have a module that connects only to 2G (second-generation) cellular networks. These are being phased out by cellular network providers. This means that emergency dispatch may not be available for your system if your module is not replaced!.

What is a base station cellular communication module?

It's a little circuit board that controls your Base Station's cellular communication, and in the absence of Wi-Fi, this module is what connects your system to our monitoring center for emergency dispatch. That is why it's vital to keep the module up to date.

When is an in-building emergency responder communication enhancement system required?

Quick answer: An in-building emergency responder communication enhancement system is required by the 2024 edition of NFPA 1, Fire Code, when the radio signal strength within 95 percent of the general floor area and 99 percent of critical floor area is not sufficient to provide a delivered audio quality of 3.0 or above. Want more detail?

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Will emergency dispatch be available if my module is not replaced?

This means that emergency dispatch may not be available for your system if your module is not replaced! To make sure that your system is able to connect to our monitoring center, we'll need to send you a replacement 4G (4th generation) cell module for you to install inside your Base Station. Do I need a new module?

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What are in-building emergency responder Communications Enhancement Systems (Erces)?

These systems are known as in-building emergency responder communications enhancement systems (ERCES). You may also hear them referred to as bi-directional antenna systems, or BDAs. To learn more about these systems and why they are needed, check out this blog. [What Do the Codes Require?](#)

Section 11.10 of the 2024 edition of NFPA 1 covers ERCES.

What if my base station has a 2G module?

If your Base Station currently has a 2G module, our Support team at 888-734-2792 can arrange for a replacement 4G cellular module to be sent out, free of charge. How do I replace the module?

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Contact Us

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