



FOR IMMEDIATE RELEASE

## 75F Introduces the Smart Node™ Equipment Controller for Flexible Building Automation with Software-defined Benefits

BURNSVILLE, Minn., Jan. 18, 2018 /PRNewswire/ -- Building Intelligence company 75F announces [the 75® Smart Node™ Equipment Controller](#), a first-of-its-kind product design combining onboard OLED display, eleven I/O interface ports, daisy-chained 24V power, wireless-mesh networking, and software-defined hardware capabilities. The Smart Node is part of 75F's [vertically-integrated suite](#) of smart building [products for HVAC and lighting automation](#), delivering energy-efficiency, indoor air quality and healthy, comfortable indoor environments. Watch the [Overview Video](#).

### **Sensing & Control for a Range of Equipment and Applications**

The 75F Smart Node controls single-stage equipment, working with your existing HVAC equipment brands and system profiles as a quick-install retrofit or a new-build solution. In addition to multiple sensor inputs, the 75F Smart Node monitors and controls terminal equipment, including air handling units, economizer damper actuators, VAV with reheat systems, smart dampers, heat pumps, hot water mixing valves, energy meters, lighting panels, LED lights...and more.

### **Software-Defined Hardware Configuration Adjusts to Your Systems and Workflows**

Using dynamic application assignment, where software assigns hardware profiles, the 75F Smart Node accommodates different equipment and processes. No need for a specific controller model/SKU for each application. No programming required. And, you get remotely-delivered updates and improvements.

### **OLED Display & Backlit Text Simplify Installation and Troubleshooting**

The display elements change contextually, based on the equipment profile and application processes. For example, when controlling an airflow damper, percent open, room temperature, and airflow temperatures would display. The technician can see live performance data, setup initial configurations such as zone pairing, and override controls to diagnose equipment problems. Illuminated text confirms ports in use for applications.



The 75F® Smart Node™ Equipment Controller offers flexible building automation with software-defined application assignment across a wide range of HVAC equipment profiles, onboard OLED display with contextual elements, backlit text for the eleven I/O interface ports, wireless-mesh networking with the 75F® Central Control Unit™ and devices, Bluetooth pairing, daisy-chained 24V power, and easy installation.

### **Part of an Easily-deployed, Vertically-integrated Smart Building Automation System**

The 75F Smart Node uses secure, proprietary 900Mhz communications with the 75F® Central Control Unit™ (CCU), serving as a field controller, which also offers direct equipment control. Manage your entire system from the 75F® Facilisight™ suite of web and mobile apps. Remote monitoring and management, including scheduling changes across hundreds of buildings with a single click. The 75F® Occupant App™ puts zone control in the hands of individuals.



The 75F® Occupant App™ creates the ultimate tailored user experience for indoor environments, giving individuals temperature and lighting controls to get into their zone. Maximize employee comfort and productivity, empower users, and includes ratings for voice-of-the-occupant feedback. Geofencing can anticipate arrival and pre-condition space to meet individual preferences. Vacation schedule saves energy when zones are unoccupied.

### **75F is Removing the Barriers to Building Automation with "Building Intelligence in a Box"**

Traditional building controls systems are overbuilt and require extensive resources to install, set-up, custom program and maintain – creating high costs of acquisition and ownership. 75F's vertically-integrated suite of wireless sensors, equipment controllers and cloud-based software deliver a single-pane-of-glass management across applications. With easy out-of-the-box functionality, no programming is required. Easy enough for [8-year-olds to install](#).

**About 75F:** [75F](#) is an award-winning, IoT and Machine Learning company taking a fresh approach to HVAC, lighting and controls in commercial buildings. Founded in 2012, 75F offers data-driven, proactive building intelligence and controls. 75F's mission is to improve occupant productivity through enhanced comfort and indoor air quality – while saving energy. 75F has delivered hundreds of energy-efficient, comfortable and healthy spaces to enthusiastic customers who [rave about the results](#).

**See 75F Building Intelligence solutions at AHR in Daikin booth #5530**

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