

Authorized Dealer



Market segment  
**Education**

Location  
**Hyderabad, India**

Total area  
**29,729 m<sup>2</sup> (320,000 ft<sup>2</sup>)**

Installation type  
**HVAC**

Protocol  
**BACnet**

Total system objects  
**1,900**

Project type  
**New construction**

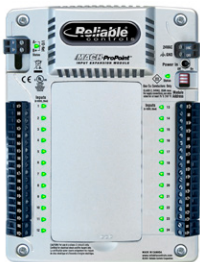
Installed equipment



1 MACH-ProWebCom™ controller



3 MACH-ProCom™ controllers



3 MACH-ProPoint™ Input expansion modules



18 SMART-Sensor™ LCD devices with CO<sub>2</sub> sensor

# Amazon HYD13 Campus

Project Profile

The largest Amazon corporate building in the world, and the company's first outside of the United States, is in Hyderabad, India. Constructed over 39 months, the [Amazon HYD13 Campus](#) is a 282-foot tall building with 290 conference rooms, a cafeteria capacity of 2,700, and floors designed to accommodate persons with disabilities (ramps in place of any stairs and handrail extensions). The 49 elevators in HYD13 are fast and can travel at a speed of nearly a floor a second.



Authorized Dealer [Alaska Engineering Solutions Pvt. Ltd.](#) integrated a Reliable Controls system in the first four floors in the Jeyabheri Orange Towers section of Amazon's HYD13 Campus.

The Reliable Controls system consisted of a MACH-ProWebCom acting as a web server and networked with three MACH-ProCom controllers and three MACH-ProPoint expansion modules. Building operators use the flexibility of Reliable Controls products to monitor and control the integrated 267 variable air volume units directly controlled by 30 differential pressure transmitters, 27 energy meters, six electrical panels, five packaged HVAC units, and five sequential auto panels.

Indoor air quality impacts the health, comfort, and productivity of occupants. Amazon has made an effort to provide optimal indoor air quality for the capacity of those inside HYD13, which can house more than 15,000 employees, by integrating 18 SMART-Sensor LCD devices with CO<sub>2</sub> sensors spaced throughout the facility.

Reliable Controls and Alaska Engineering are pleased with the integration and outcome of the HYD13 Campus project.

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