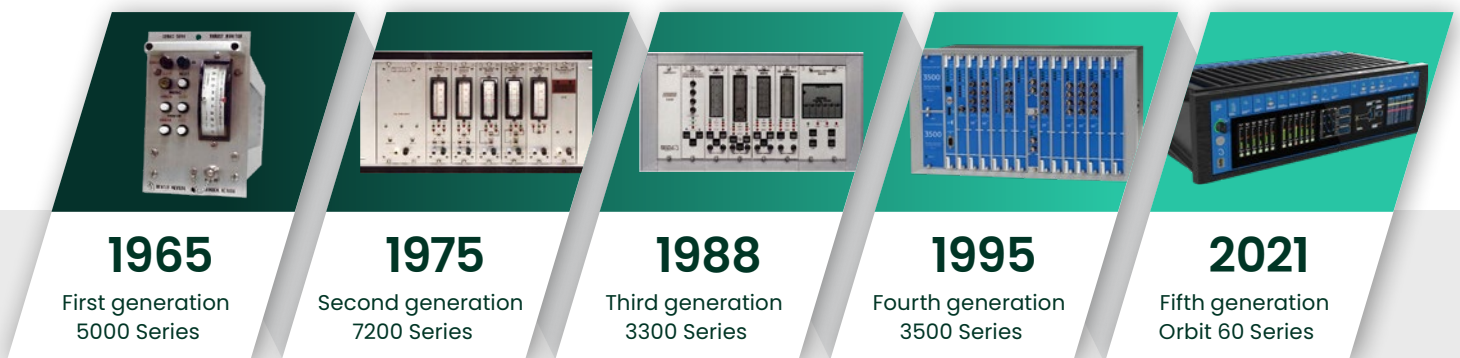


# Orbit 60

## PROTECTION — CONDITION MONITORING — OR BOTH

The most advanced Bently Nevada rack system ever

After 60+ years and over 100,000 racks installed worldwide, we’ve learned and evolved what works best through five successful generations of full-featured platforms culminating in our new Orbit 60, able to meet the needs of every industry where critical machinery is found.



### Powerful, compact, and flexible



#### 6U double-height\*

fits in same space as 3500, but holds 50% more channels

When upgrading, enables reuse of panel cutouts without modification.

\*Future release



#### 3U standard rack

60+ channels in just 19" x 5.2" x 9.7"

Translates directly into cost savings since cabinets can be more densely populated and more efficiently used.

### The features you asked for

Our design process included more than 200 focused customer engagements to identify your biggest requirements in a new platform.



Cybersecure machinery protection and condition monitoring



Lower installation costs and higher location flexibility



Easier, more cost-effective data integration



designed with intrinsic cybersecurity, improved integration, and installation flexibility



processing power vs. industry standard— with variable signal processing



50%  
smaller than industry standard



2x  
the channel count compared to industry average

### Delivered by three new technology concepts

#### conneX™

Compact and simple

- Single interface for data flow in both directions between the monitoring system and the process control/historian
- Ensures cybersecurity by connecting only to the control network— not the business network

#### aXess™

Robust and cybersecure

- Patented SIL-capable solution
- Protection and condition monitoring use same I/O, yet function independently for zero interference
- Allows data flow from protection to condition monitoring, but not the other way around
- Full bi-directional configuration abilities between users and the condition monitoring layer (future release)

#### Xtend™

Fast. Secure. Flexible.

- Connect multiple chassis and up to 65 dynamic channels with a virtual, digital backplane
- Deploy as a conventional “single” rack, or as a distributed rack
- Up to 2 km distance between chassis
- Two Chassis Redundant cabling for mission-critical protection applications
- Single cable for condition monitoring-only applications



### Globally certified

