

Bently Nevada Asset Condition Monitoring*
3500 ENCORE* Series

fact sheet

Extend the life of your 3300 investment

Let Bently Nevada help you upgrade your rack based online machinery protection and condition monitoring system to the latest technology while extending your original 3300 investment.

The 3500 ENCORE Series is now offered in two packages that allow you to choose which cost-saving method you want to apply for your 3300 upgrade.

3500 ENCORE Rack Upgrade

The 3500 ENCORE Rack Upgrade is the most cost effective, non-intrusive means of upgrading your existing 3300 monitoring system to the state-of-art condition monitoring technology without the hassle of rip and replace, leaving the 3300 chassis, IO modules and field wiring in place.

3500 ENCORE System

The 3500 ENCORE System is a standalone direct drop-in monitoring system replacement of your existing 3300 monitoring system. Utilize your existing 3300 panel cutouts and dimensions to minimize the costs of upgrading to the latest online machinery protection and condition monitoring system.



Benefits

- **Certified** – Designed to comply with the American Petroleum Institute's Standard (API) 670 along with relevant Canadian Standards Association (CSA) and CE requirements
- **Reliable** - Routinely used not just for indication, but to provide auto-shutdown protection
- **Connected** – Designed to easily connect with our System 1 Optimization & Diagnostic Software Platform as well as plant control and automation systems
- **Flexible** – Extensive selection of machinery measurement parameters combined with software configuration allows virtually all monitor options
- **Field-Proven** – Proven value and dependability with more than 50,000 3500 Series System racks installed globally
- **Global support** – Dedicated network of global sales and service experts



Key Features

The 3500 ENCORE Series is now available with the following features:

- System chassis selectable in four sizes of 8, 10, 12 or 14 positions
- Dual power supplies
- Four network connections, two in front and two in back (100baseT)
- ModBus connection for DCS
- Four channel Keyphasor monitor
- Configurable relay card (16 relays)
- Four channel vibration monitor (42E)
- Four channel position monitor (45E)
- Two channel tachometer (50E)
- Six channel temperature monitor (61E)
- Encore I/O modules for each monitor type
- Encore system meets EMI standards without special enclosures
- 3500 ENCORE Rack upgrade monitors are compatible in the new Encore System chassis
- Each monitor has its own color LCD display with back lights and visibility in direct sun light
- 3500E display and configuration software for PC's and Laptops
- System 1 compatible

3500 ENCORE Rack Upgrade	3500 ENCORE System
In place upgrade of a 3300 Monitor System	Direct drop in replacement of existing 3300 Monitor Systems
Replaces the 3300 power supplies, system monitors, and monitors while leaving the 3300 chassis, IO modules and field wiring in place	Provides an entirely new instrument chassis, dual power supplies, 4-channel monitors, relay modules, and IO Modules
A fast and cost effective way to upgrade an in place 3300 Monitor System to state-of-the-art 3500 ENCORE technology without removing the 3300 chassis or the field wiring	Matches the 3300 panel cutouts and dimensions for a fast, economical, replacement of 3300 Monitor Systems
Turnaround times for a 3500 ENCORE Rack Upgrade can be measured in hours	Specifically designed to minimize installation costs of replacing 3300 Monitor Systems or upgrading from the 3500 ENCORE Rack Upgrade*

*3500 ENCORE Monitors can be reused in the new 3500 ENCORE System thereby minimizing project cost.



For additional information, please contact your local GE Representative, visit www.ge-mcs.com/bently.

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