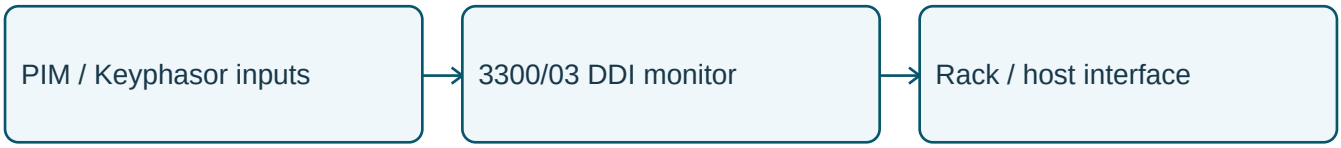
3300/03-03-00

01 / System identity and preparation

Bently Nevada 3300/03-03-00 coordinates rack-wide supervision and dynamic-data access while the individual 3300 monitors perform their assigned measurements.



Preparation priorities

Exact interface identity	Confirm 3300/03-03-00, its DDI hardware and any revision or modification marking.
Rack relationship	Match the SDI/DDI backplane, 3300/12 or applicable 3300/14 supply, PIM and individual monitor firmware.

Guide boundary

This Apter Power guide organizes preparation and acceptance checks. Apply the manufacturer instructions and approved site procedure for detailed wiring, mounting, configuration and functional testing.

Application boundary

The -03 data-interface option is DDI and the -00 agency option is Not Required. Rack backplane, power supply, monitor firmware and jumper settings must form a compatible system.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Configuration review before service

Exact interface identity	Confirm 3300/03-03-00, its DDI hardware and any revision or modification marking.
Rack relationship	Match the SDI/DDI backplane, 3300/12 or applicable 3300/14 supply, PIM and individual monitor firmware.
Jumper configuration	Record the data-interface jumper arrangement and match -VT selection in the System Monitor and power supply.
Functional acceptance	Verify supply indication, reset, inhibit and OK relay behavior, then validate assigned Keyphasor signals and host data.

Isolate the rack

Power down the rack before installing or removing the System Monitor. Coordinate the loss of monitoring with the approved machinery operating procedure.

Preserve the DDI configuration

Record the installed data-interface boards and jumper positions before service. Do not assume that an unconfigured replacement has the correct communication arrangement.

Mismatch decision

Resolve a different catalog marking, interface, software requirement or installed configuration before proceeding. Physical similarity alone does not establish an approved replacement.

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Apply manufacturer instructions and approved site procedures.

03 / Hardware and interface checks

Match transducer power

Set the System Monitor and supply -VT selections to the same -18 V DC or -24 V DC value. Check the connected transducer requirements before energization.

Understand rack inhibit

Rack inhibit disables all alarms, zero-scales outputs and de-energizes the OK relay. Control and clear this condition through the approved commissioning procedure.

Key hardware references

Product type	System Monitor
Data-interface option	03: Dynamic Data Interface (DDI)
Agency approval option	00: Not Required
Keyphasor inputs	4 through the Power Input Module

Preserve the connection record

Photograph and label the affected connections before disconnection. Retain the original routing, module positions and identification with the work order, and compare the restored installation against that record.

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Apply manufacturer instructions and approved site procedures.

04 / Commissioning and diagnostic decisions

Verify Trip Multiply eligibility

Trip Multiply affects only monitors ordered with the option. Preserve their intended 2X or 3X selection and confirm the initiating contact logic.

Complete functional checks

Verify the supply indicators and system functions, then check each assigned Keyphasor input and communication path. Resolve abnormal results before returning the machinery monitoring system to service.

Acceptance checkpoints

Before energization	Match the SDI/DDI backplane, 3300/12 or applicable 3300/14 supply, PIM and individual monitor firmware.
Configuration review	Record the data-interface jumper arrangement and match -VT selection in the System Monitor and power supply.
Functional release	Verify supply indication, reset, inhibit and OK relay behavior, then validate assigned Keyphasor signals and host data.

Abnormal result

If diagnostics, communication or functional response differ from the approved baseline, stop the release and resolve the configuration or installation issue. Do not bypass an interlock or protective function to obtain a passing test.

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Apply manufacturer instructions and approved site procedures.

05 / Service record and technical references

Lifecycle and support

The 3300 platform entered its obsolete phase in March 2014, with limited repairs ending in 2017. This platform history is not a unit-specific assessment of remaining service life. Confirm current support and replacement planning for the complete installed configuration with Bently Nevada.

Technical basis

Bently Nevada 3300/03 System Monitor Operation Manual, 89604-01 Rev. F (08/07); 3300 System Compatibility Guide, 104003-01 Rev. G (08/07).

Applicability

The -03 data-interface option is DDI and the -00 agency option is Not Required. Rack backplane, power supply, monitor firmware and jumper settings must form a compatible system.

Related portfolio references

Bently Nevada 3300/03-02-01

Bently Nevada 3300/61-03-01-01-00-00-00

Bently Nevada 3300/55-01-04-18-18-00-00-05-00

Navigation only. These listings are not confirmed replacements, compatible accessories or included items.

Handover record

Retain the complete fitted marking, hardware/software revision where applicable, connection record and accepted test results. Confirm separate accessories and documents in the quotation.

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Apply manufacturer instructions and approved site procedures.