

# 3500 Software

## Bently Nevada\* Asset Condition Monitoring

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### Description

Rack Configuration Software is used to configure all modules of the 3500 Machinery Protection System. All 3500 software is Windows® based and can operate across a network.

**Note:** *The primary role of the 3500 Data Acquisition and Operator Display software is as an emulation package to display the data normally found on the front-panel display of a machinery protection system. The software also provides basic trending and event archiving functions. It does not provide the dynamic data capture and plot capabilities required for machinery diagnostics or for connection to a Bently Nevada Decision Support\* system.*

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### Specifications

#### Minimum Computer Requirements:

##### Rack Configuration Computer:

- Intel® Pentium® processor or better
- 800x600 (SVGA ) or higher resolution Monitor
- CD-ROM drive
- 128 Megabytes of RAM recommended
- Microsoft Windows 7 or Windows 2012 Server operating system or greater
- English Operating Systems only
- Minimum 35 Megabytes of available hard disk space
- RS232 Serial Port , USB port with USB to Serial Adapter, Modem, or Network access to 3500 racks

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## Ordering Information

Rack Configuration Software and Configuration Manual  
3500/01-01

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### 3500 Rack Configuration Software Support plans

3500/18-A-XX

A: Support type and duration

01	1-year Single Software Support plan
02	1-year Multi-Software Support plan
03	2-year Single Software Support plan
04	2-year Multi-Software Support plan
05	3-year Single Software Support plan
06	3-year Multi-Software Support plan
07	4-year Single Software Support plan
08	4-year Multi-Software Support plan
09	5-year Single Software Support plan
10	5-year Multi-Software Support plan
	Ex. 1-year Multi-Software Support plan for 3500 Rack Config: 3500/18-02

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### Recommended Accessories

100M2833

10 foot A to B USB cable

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### Backward Compatible Accessories

130119-01

Host Computer to RS232/RS422 Converter Cable RS232

129386-01

TDIX - Static Data Cable

02290160

DDIX/TDIX - Dynamic Data Cable

02230411

RS232 to RS422 Converter 110 VAC

02230412

RS232 to RS422 Converter 220 VAC

167344

USB Serial Parallel Adapter

### Host Computer to 3500 Rack Cable, RS232

130118 -AXXXX-BXX

A: Cable Length

0010	10 feet (3 metres)
0025	25 feet (7.5 metres)
0050	50 feet (15 metres)
0100	100 feet (30.5 metres)

B: Assembly Instructions

01	Not Assembled
02	Assembled

### RS232/RS422 Converter to 3500 Rack Cable, RS422, PVC Insulated

130120 -AXXXX-BXX

A: Cable Length

0010	10 feet (3 metres)
0025	25 feet (7.5 metres)
0050	50 feet (15 metres)
0100	100 feet (30.5 metres)
0250	250 feet (76 metres)
0500	500 feet (152 metres)

B: Assembly Instructions

01	Not Assembled
02	Assembled

### Host Computer to 3500 Rack Cable, RS422, PVC Insulated

132632 -AXXXX-BXX

A: Cable Length

0010	10 feet (3 metres)
0025	25 feet (7.5 metres)
0050	50 feet (15 metres)
0100	100 feet (30.5 metres)
0250	250 feet (76 metres)
0500	500 feet (152 metres)

B: Assembly Instructions

01	Not Assembled
02	Assembled

### Host Computer to 3500 Rack Cable, RS422, Teflon® Insulated

132633 -AXXXX-BXX

A: Cable Length

0010	10 feet (3 metres)
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Specifications and Ordering Information  
Part Number 141527-01  
Rev. E (11/15)

0 0 2 5 25 feet (7.5 metres)  
 0 0 5 0 50 feet (15 metres)  
 0 1 0 0 100 feet (30.5 metres)  
 0 2 5 0 250 feet (76 metres)  
 0 5 0 0 500 feet (152 metres)

**B: Assembly Instructions**

0 1 Not Assembled  
 0 2 Assembled

**3500 Rack to 3500 Rack Cable, RS422, PVC Insulated  
 130122 -AXXXX-BXX**

**A: Cable Length**

0 0 1 0 10 feet (3 metres)  
 0 0 2 5 25 feet (7.5 metres)  
 0 0 5 0 50 feet (15 metres)  
 0 1 0 0 100 feet (30.5 metres)  
 0 2 5 0 250 feet (76 metres)  
 0 5 0 0 500 feet (152 metres)

**B: Assembly Instructions**

0 1 Not Assembled  
 0 2 Assembled

**3500 Rack to 3500 Rack Cable, RS422, Teflon®  
 Insulated**

**131107 -AXXXX-BXX**

**A: Cable Length**

0 0 1 0 10 feet (3 metres)  
 0 0 2 5 25 feet (7.5 metres)  
 0 0 5 0 50 feet (15 metres)  
 0 1 0 0 100 feet (30.5 metres)  
 0 2 5 0 250 feet (76 metres)  
 0 5 0 0 500 feet (152 metres)

**B: Assembly Instructions**

0 1 Not Assembled  
 0 2 Assembled

**500 Feet (152 metres) Extension Cable, RS422 (Used  
 with Cables 130120, 131106, 130122, and 131107 for  
 lengths greater than 500 feet (152 metres)).**

**130121 -AXXXX-BXX**

**A: Assembly Instructions**

0 1 Not Assembled  
 0 2 Assembled

**B: Insulation**

0 1 PVC Insulated  
 0 2 Teflon® Insulate

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