



Exclusive Partner of Meinberg  
in India and SAARC countries



Your Partner for Professional Time and  
Frequency Synchronization Solution

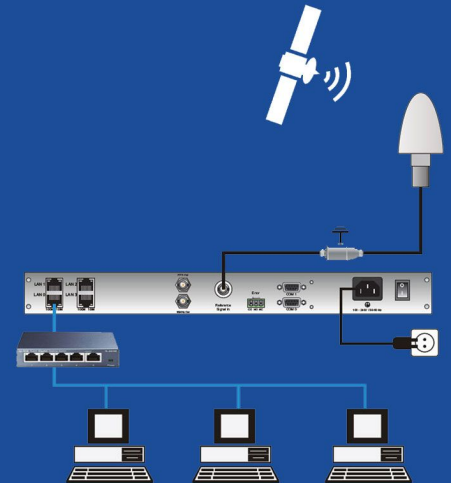


Recognition from BSE for  
successful implementation of PTP  
Time Synchronization from  
Meinberg, Germany

Paryana Automation believes in providing automation and integration solutions that deliver measurable business value. Paryana Automation caters to the needs of medium-to-large sized process companies, machine manufacturers and system integrators.

## TIME SERVER

A time server is a server computer that reads the actual time from a reference clock and distributes this information to its clients present in its network. The time server may be a hardware time server or an internet time server. The most important and widely use protocols for synchronization are Network Time Protocol (NTP) & Precision Time Protocol (PTP)



Your Partner for Professional Time and Frequency Synchronization Solution

- Founded in 1979 by Werner and Gunter Meinberg.
- Company HQ in Bad Pyrmont, Northern Germany.
- Own In-house Production of Electronics (PCBs) and Mechanical Parts (Chassis etc.).
- Strong Focus on Synchronization:
  - ▶ 80% of turnover generated by network clocks (NTP and PTP)
  - ▶ Bus level products (PCIe Slot Cards, USB clocks)
  - ▶ Accessories

# PRODUCT OVERVIEW



Intelligent Modular Synchronization (IMS)



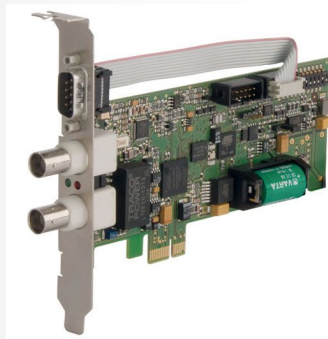
NTP Time server



microSync Product Family



IEEE-1588: PTPv2 Time



PC clock: PCI & USB card



**MEINBERG SOLUTIONS FOR INDUSTRIES**



**Power Generation  
& Transmission**



**IMS-LANTIME-M1000**



**LANTIME-M200**



**Banking, Finance  
& Trading**



**IMS-LANTIME-M1000**



**IMS-LANTIME-3000**



**IT Network & Data Center**



**IMS-LANTIME-M1000**



**LANTIME-M300**

**MEINBERG SOLUTIONS FOR INDUSTRIES**



**Telecommunication**



**IMS-LANTIME-M4000**



**IMS-LANTIME-M1000**



**Traffic Control**



**DCF600HS**



**ANZ14 LED Display**



**Audio, Video & Broadcast**



**IMS-LANTIME-M1000**



**Redundant  
GPS-synchronized  
in 1U**

## CLIENTS



**Rockwell**  
Automation



**Schneider**  
Electric



**SIEMENS**



**adani**<sup>TM</sup>



Power Grid Corporation of India



Deutsche Bank

**BSE**  
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BANK LTD. MULTI-STATE  
SCHEDULED BANK

**ALSTRON**<sup>TM</sup>




**LARSEN & TOUBRO**


**Honeywell**

**NOKIA**


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