

Passenger Announcement / Customer Information System PA/CIS project at NYC subway system



Segment: Transportation - Metro

End user: New York City Transport Authority (NYCT)

System integrator: Siemens Industry, Mobility Division

Realization date: 2006 - 2012

Requirements:

- Scalable architecture for future expansion
- Open, standardized interfaces
- Field-proven redundancy and integrated maintenance functionality
- 99.99% availability due to 24 hour operation, online changes

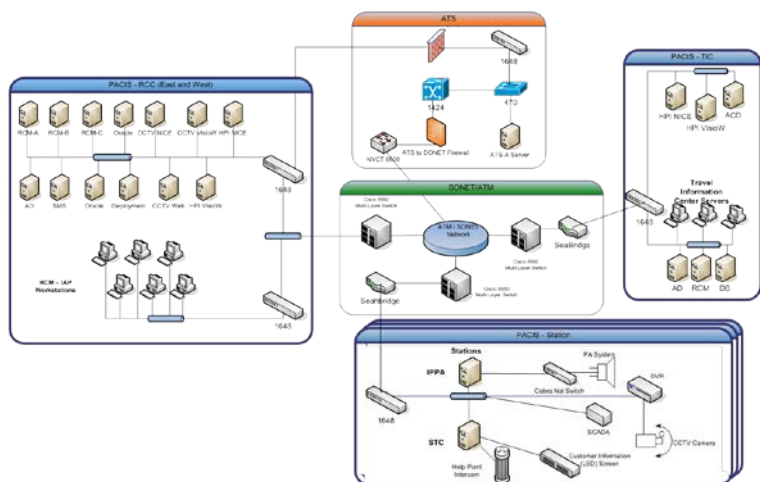
MTA New York City Transit is the largest public transportation agency in North America and one of the largest in the world. The subway has a daily ridership of more than five million, and an annual ridership close to 1.6 billion.

Solution:

- 6 central WinCC OA servers, redundant, distributed system
- Currently operating with 10 million data points (and was tested successfully to handle 20 million data points required to expand to Subdivision B)
- Special functions and Add-Ons used: API Manager, Cerberus, AMS, Central Oracle manager

Benefits:

- Reduced engineering time and implementation costs for installations with special application size, operating system, and complexity requirements.
- “WinCC OA is one of the only software platforms with the ability to handle a system of this size and complexity,” adds Siemens Mobility’s Paul Eliea, project director for the PA/CIS system and the ATS effort.



SIEMENS

