

Connectivity for Process Analytical Systems:

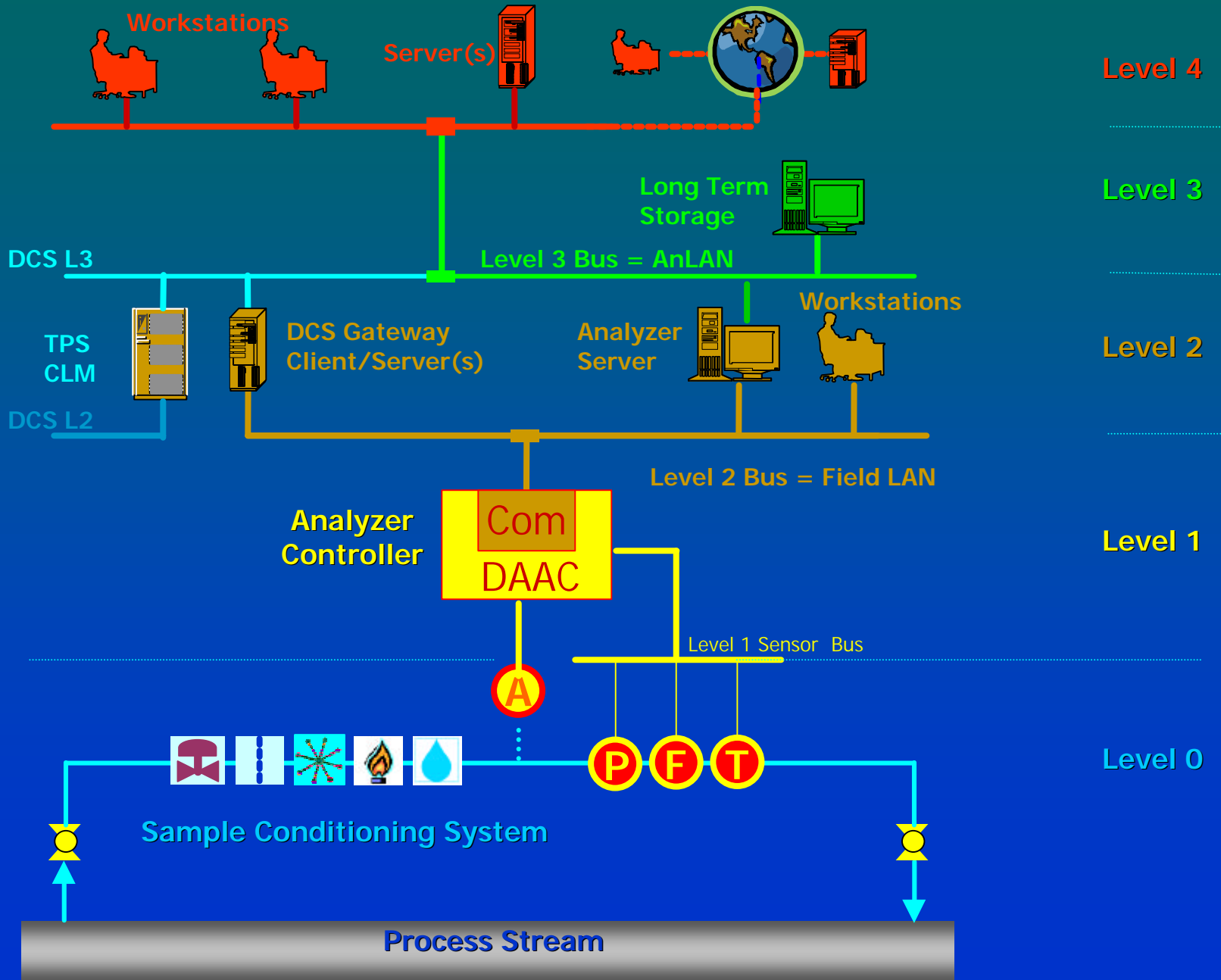
Next Steps?

Ad-hoc Meeting
IFPAC2001

Connectivity/Functionality Model

IFPAC 2001

Connectivity for PA Systems – Confusion or Opportunity

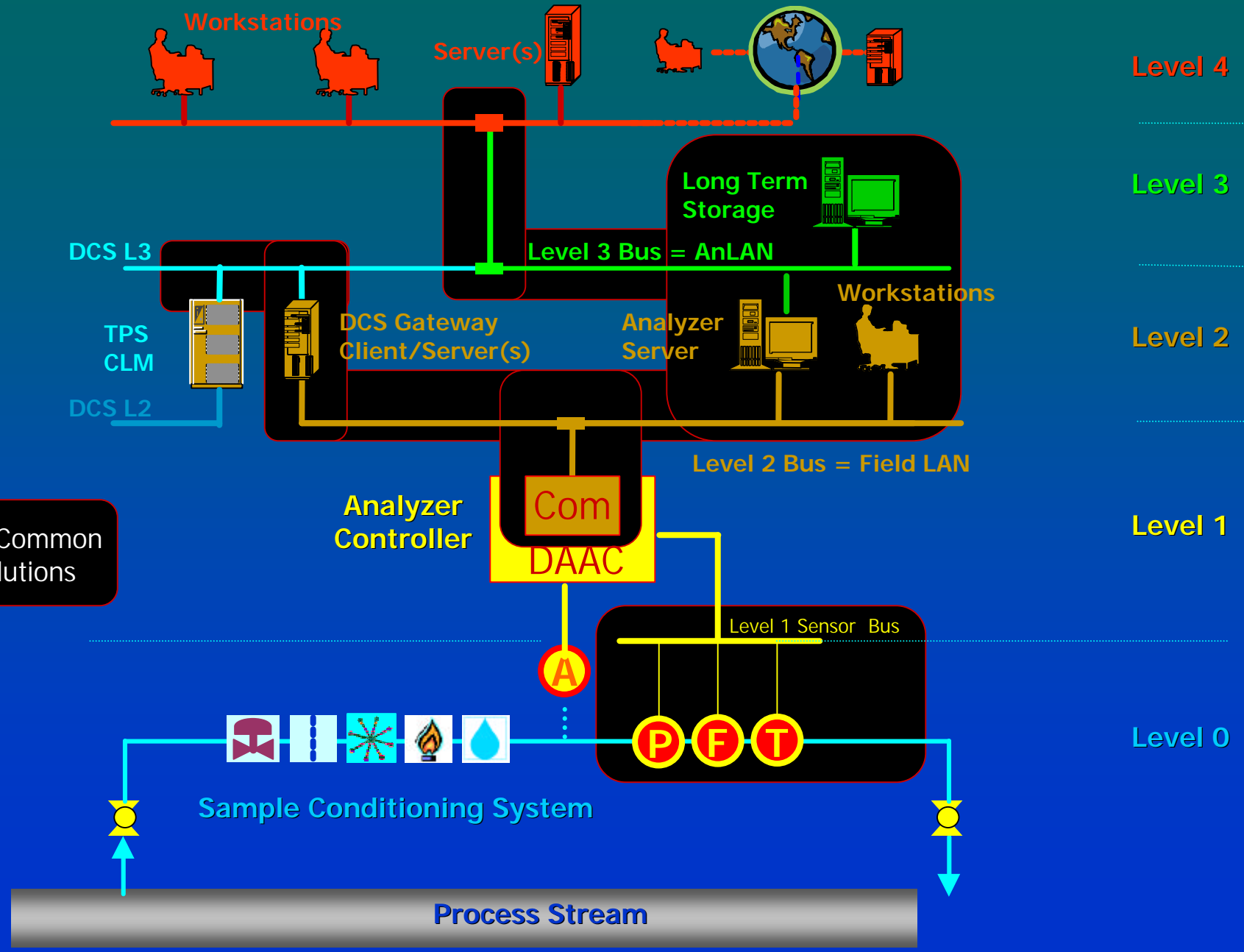


Proprietary vs. Open Connectivity Solutions

IFPAC 2001

Connectivity for PA Systems – Confusion or Opportunity

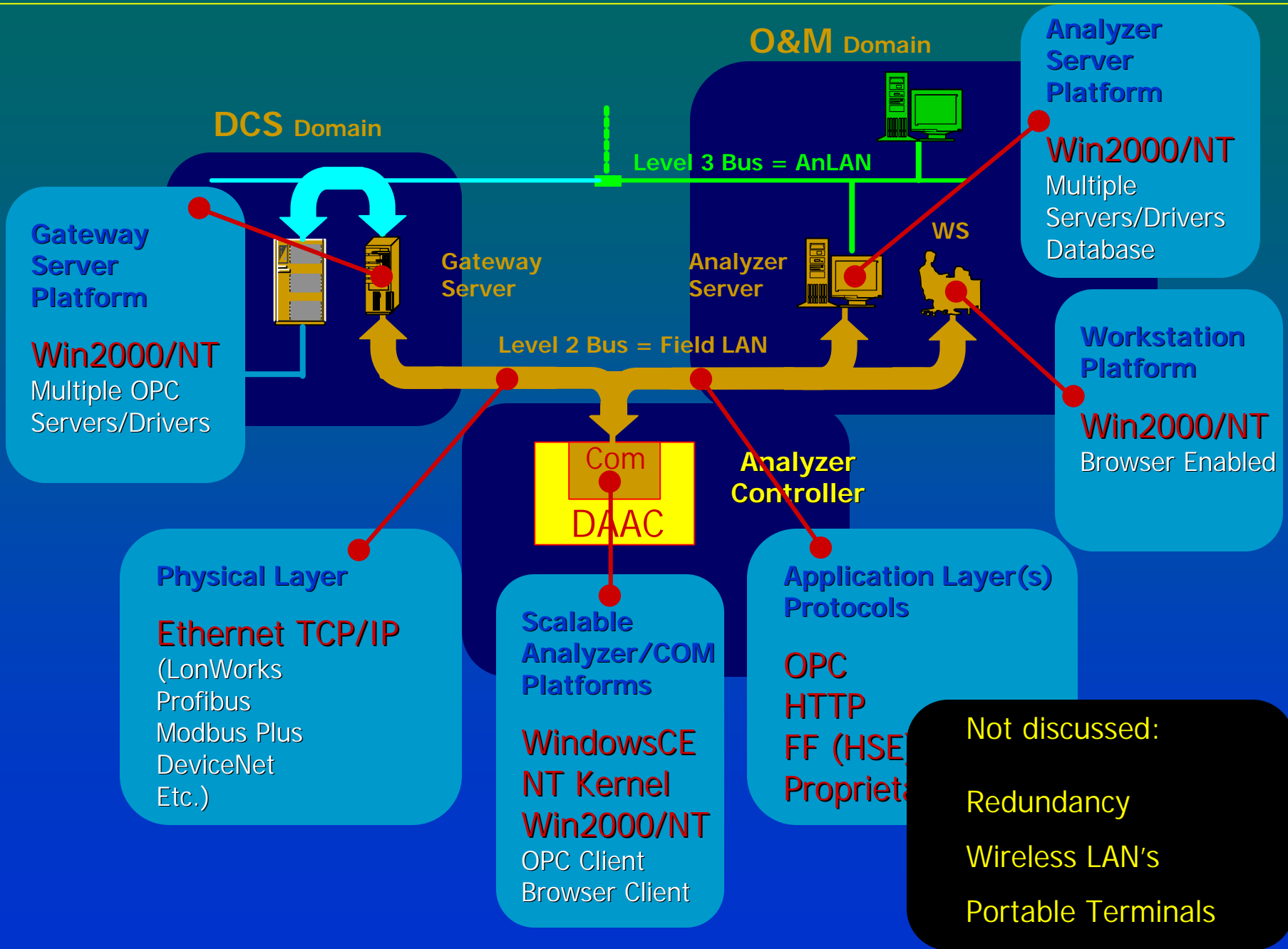
= Common Solutions



Level 1-2 Challenges: DCS/O&M Domains

IFPAC 2001

Connectivity for PA Systems – Confusion or Opportunity



The Process Analytics Community 1M\$?

IFPAC 2001

Connectivity for PA Systems – Confusion or Opportunity

Given the choices of:

- controller, server and workstation platforms
- communication protocols
- database options (short term and long term)
- security and controls needs (local & remote access)

?? **BIG QUESTION** ??

How do we develop and agree on industry guidelines for the analyzer connectivity infrastructure which will ensure plug-and-play compatibility for all analyzers?

The Process Analytics Community 1M\$?

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Food for Thought:

- Convene a Process Analytics “Connectivity Focus Group”
(Sponsored by CPAC or MCEC or ISA AD?)
Representation: End-users/Analyzer Vendors
- Develop a consensus about Proprietary vs Open Model (POM)
(Learn from FF and OPCF?) - Vendor Issue
- Agree on the System Functionality Requirements - End-User Issue
- Understand the possible range of compatible/incompatible solutions
(Hardware & Software)
- Propose a plan to develop a connectivity/infrastructure model
(Include industry acceptance)
- Continue?

Connectivity for PA Systems – Confusion or Opportunity