



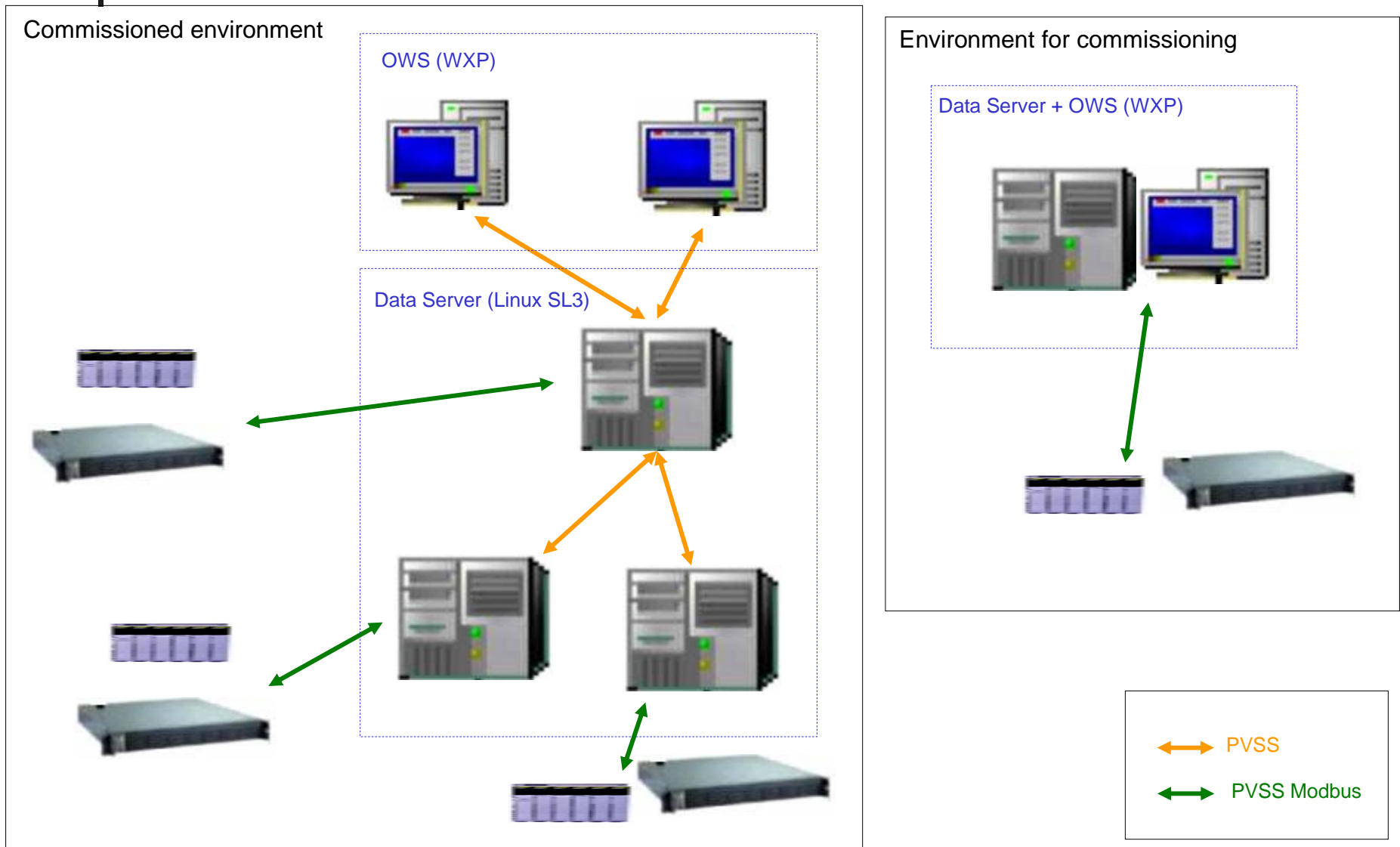
PVSS-UNICOS 3.0 overview



Outline

- Architecture: hardware/software
- Development procedure
- PVSS-UNICOS architecture
- New functionalities
- Demo
- Questions/answers

Architecture: hardware





Development/commissioning of cryo application

- Commissioning, validation, etc.
 - On the DS+OWS: Windows
 - By operators and system team
 - With support AB/CO

- When ready → operational environment
 - Linux DS & WXP OWS
 - Merge with current commissioned application
 - Done by AB/CO
 - Modification: panels, etc.
 - By operators



Linux DS

- Not possible to stop/start at any time
- Application running 24h
- Start at DS startup, stop on request by AB/CO, at DS shutdown
- Backup of data, PVSS DB, etc.
- Interface to LHCLogging, LASER
- Limited graphical user interface: reserved to UNICOS administration
- Monitored by AB/CO



OWS

- Standard NICE WXP desktop
- PVSS installed
- UNICOS applications from DS disk
- Panels, etc. saved in DS disk
- Can be stop/started at any time



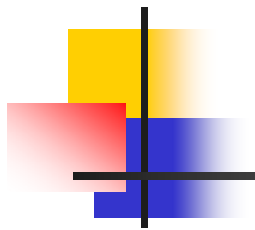
PVSS-UNICOS: v3.0

- Planned for January 2005
- Based on PVSS 3.0 and JCOP framework
 - Re-use of JCOP component: trending, hierarchies, etc.
- Different versions of the PVSS-UNICOS package
 - Few releases per year
 - Test on Linux/WXP setup
 - Latest versions on all DS whenever possible
 - Bug fixed as soon as possible
 - New features based on planning
 - Not as fast as bug fix

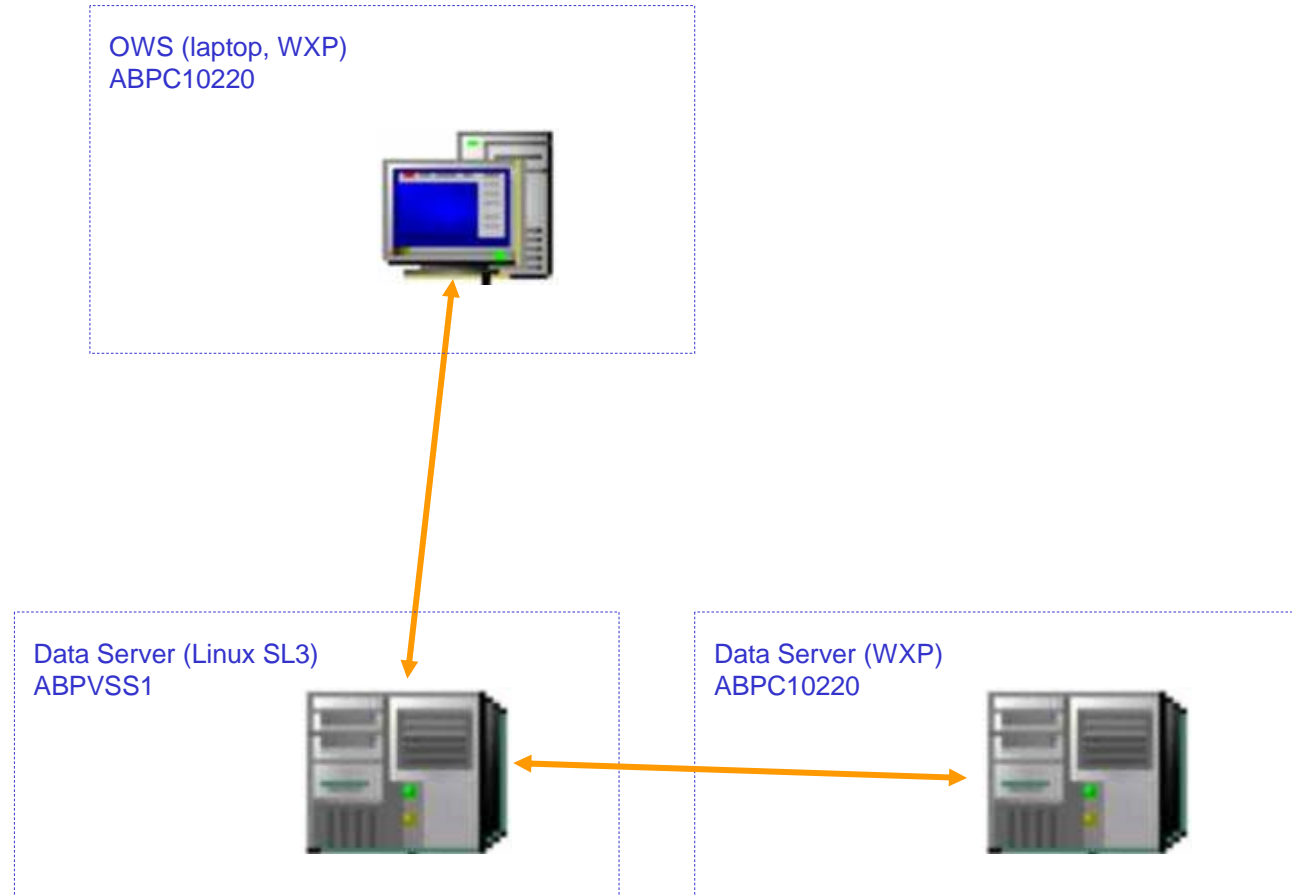


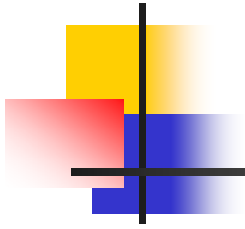
PVSS-UNICOS 3.0

- Based on PVSS II 3.0
- Compatibility in distributed environment
 - Fully tested
- Performance test on Linux SLC3
- Optimized
- New WindowTree/TrendTree configuration
- New functionalities in Trending
 - Dynamic trend
 - Configurable Y scale of faceplate
 - Save as option from plot & faceplate



Demo





Any questions?