

Implementing POCT1-A in HemoCue 201 DM System

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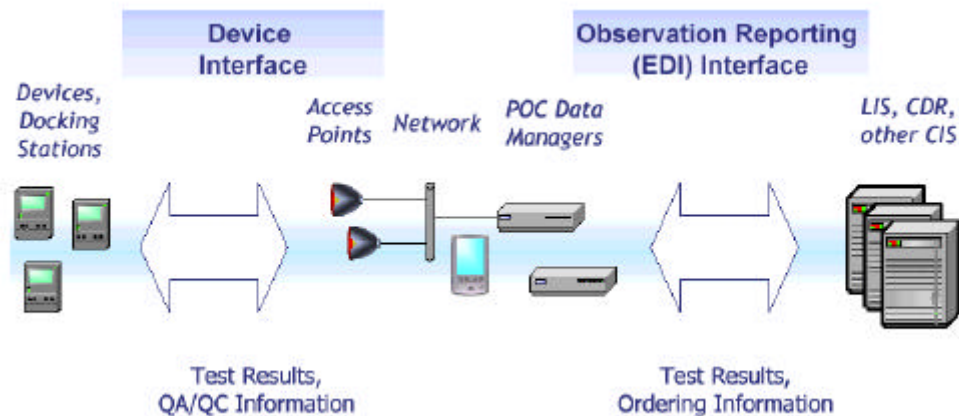
The HemoCue 201 DM System

- Analyzer
 - Handheld Lab Quality
- Docking Stations
 - Connected to the Network
- PC Software
 - Communication with Analyzers
 - Gateway to other Servers



Standardized Connectivity

- More focus on the Core Business.
- Anyone can Interface
- “Plug and play” in the future



Experiences from Interfacing POCT1-A

- Very few Interface Vendors are prepared for Standardized Interfacing acc. to POCT1-A
 - Only Radiometer of the Interface Vendors that HemoCue has been in contact with
 - Valuable feedback that we had implemented the standard correctly
- POCT1-A is event driven
 - Many Interface Vendors are more used to the polling technique

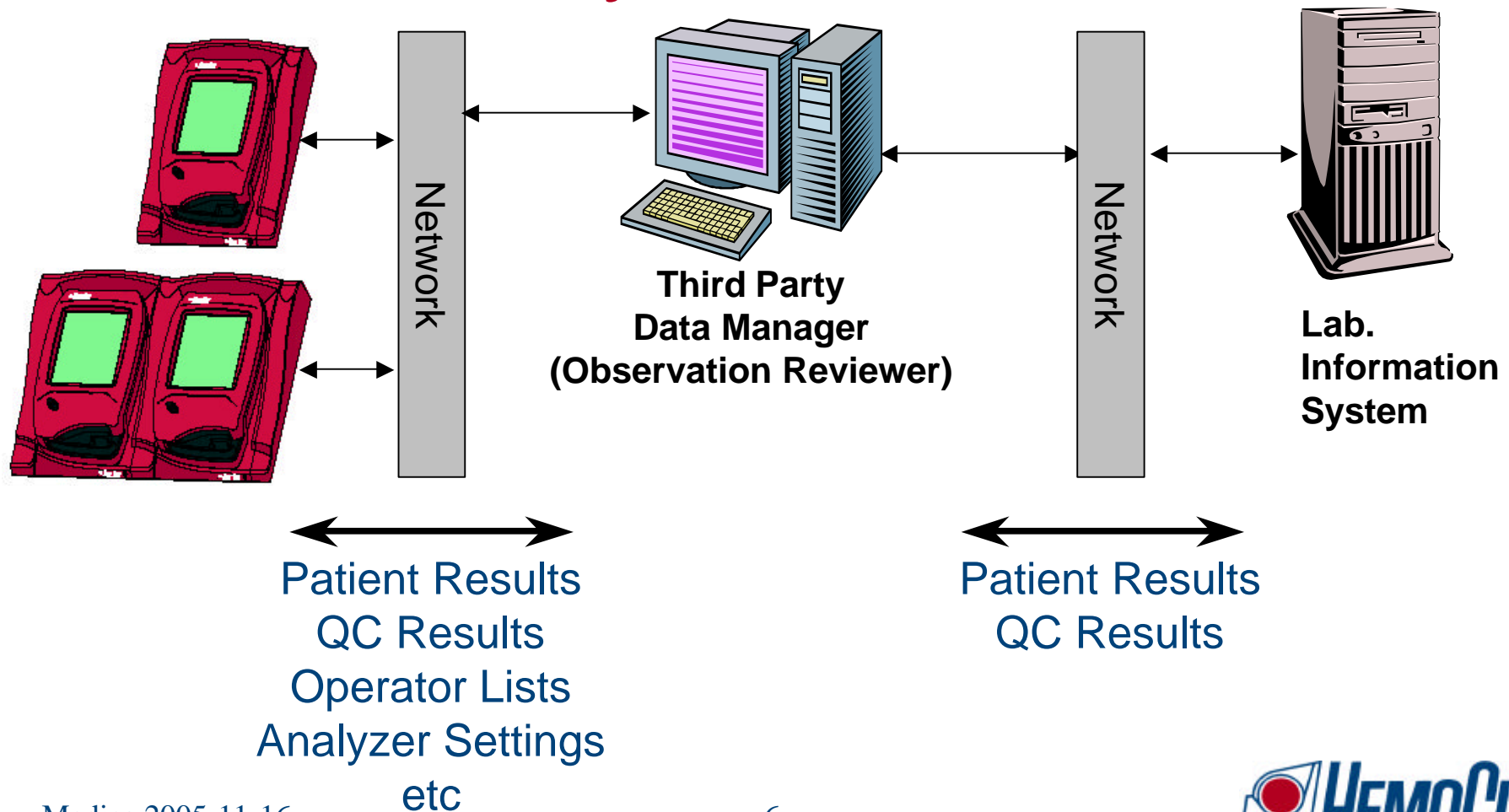


Experiences from Interfacing POCT1-A (cont)

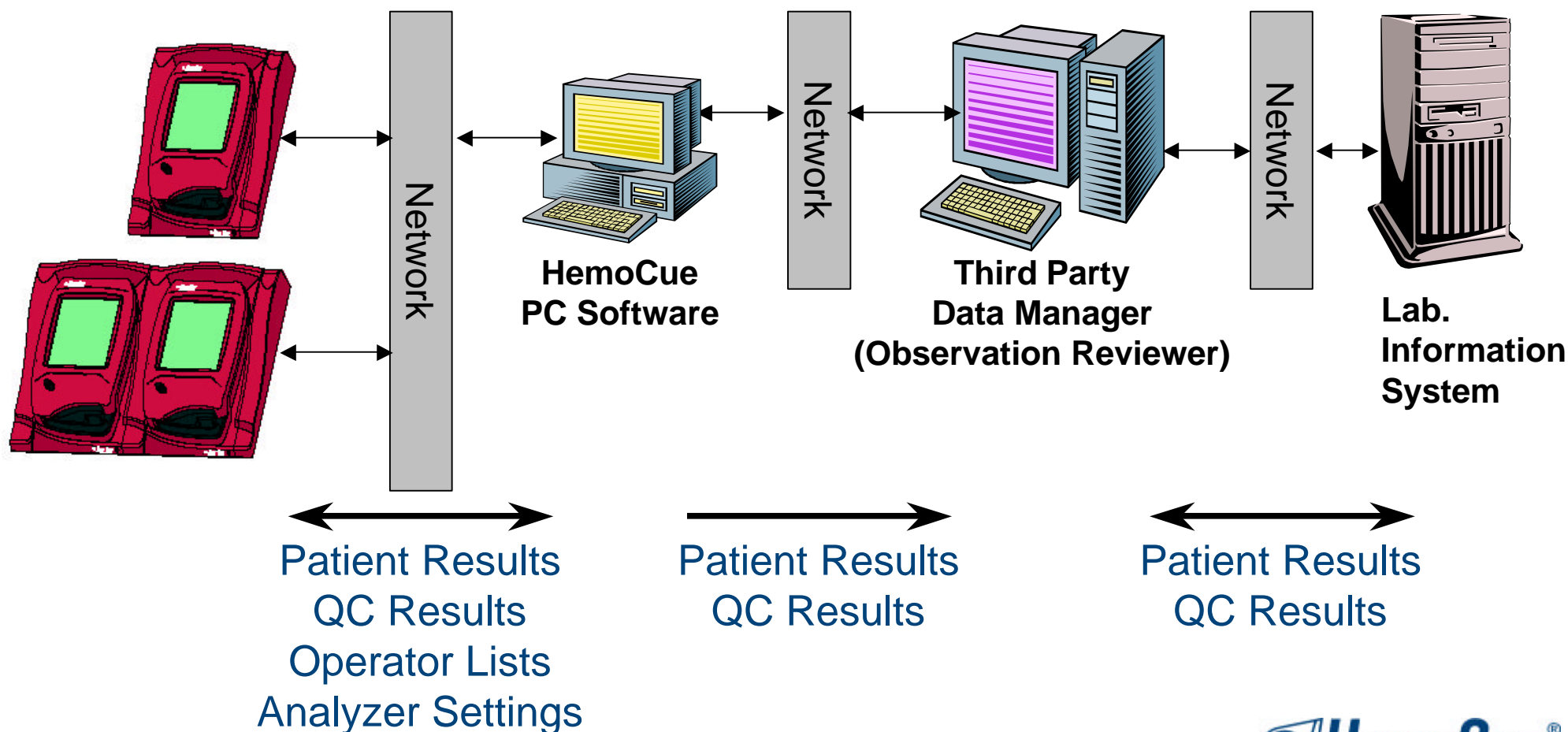
- HemoCue 201 DM connects to Ethernet
 - Many Interface Vendors still seem more used to RS232
- Very few Interface Vendors are prepared to fully Interface the POCT-systems
 - Time is Money
 - A big risk that the Interface Vendor is always "one version behind" the POCT Equipment
 - Let the POCT-vendor interface the Vendor Specific Commands



The 201-DM System, Fully Interfaced



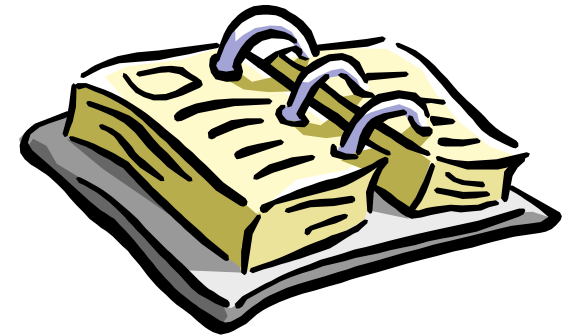
The 201-DM System, Partly Interfaced



Medica 2005-11-16 etc

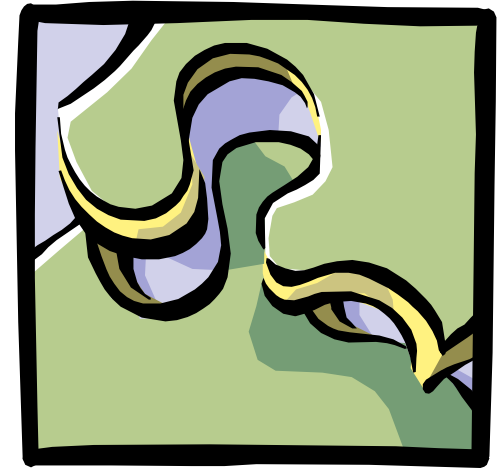
Experiences from Implementing POCT1-A

- Easy to Read and Understand the Standard
- Plenty of Examples
- XML generates a lot of Overhead
 - Use "high" speed communication
- HemoCue Vendor Specific Commands are implemented in XML



What we miss in the standard

- Linearity test
 - Implemented by using "Calibration Verification"
- List of Approved Liquid Control lots
- List of Approved Reagent Lots (cuvette batches)
- List of Predefined Comments



What the customers have asked for

- Two Way Communication regarding order_id
 - Order_id can be sent with a Patient Result, but can only be entered into the System by the Operator
- Possibility for online connection to LIS/HIS
 - E.g. Patient Verification
- Data Security, Encryption etc



Questions?

Thank you for listening!

