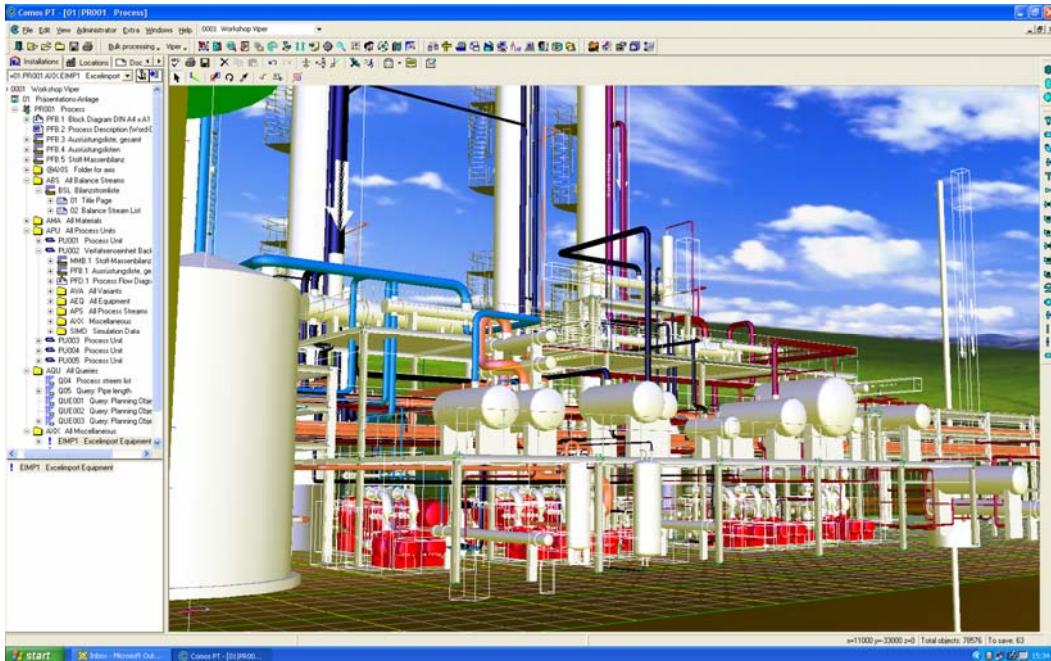


Plant Engineering Lifecycle Conference 2005

The Hague, April 10, 2005

Innotec's Cosmos PT¹

The plant data management business has evolved significantly in the last few years. Members of the USPI-NL industry association report a decline of interest in data modeling *per se* with a refocus on part catalogues. The general feeling is that data modeling has proved too complex and contentious. On the other hand, a list of parts in a standard format has a more immediate usefulness. ISO 15926 Part 4 is presented as a huge table of plant components (pumps, valves etc.) with attribute values. This standard is seeing real-world deployment, notably on BP's [Plutonia](#) development in Angola and on Chevron's Algerian [Saha](#) project. The impact of a standard parts list is especially important as a plant moves from front end engineering design (FEED), through construction and on to maintenance and eventual decommissioning. These different stages of a plant's lifecycle are often conducted by different engineering prime contractors (EPC) under the control of the owner operator (OO). Data and IT handover is critical for performance – ensuring that changes to the initial design are reflected in the real-world 'as-built' specifications. Data handover is key here and greatly facilitated by the use of standard formats. This report underscores the convergence of previous industry effort into the consensus that is ISO 15926. We include some [historical background](#) on the standard's evolution and further [resources](#) on the standard and one popular XML-based realization, [XMpLant](#).

Highlights

[Standards history](#)

[ISO 15926 in Shell](#)

[BP – Greater Plutonia project](#)

[ChevronTexaco Saha project](#)

[XMpLant](#)

[ISO 15926 backgrounder](#)

[Exhibitors](#)

¹ Image courtesy Innotec.

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