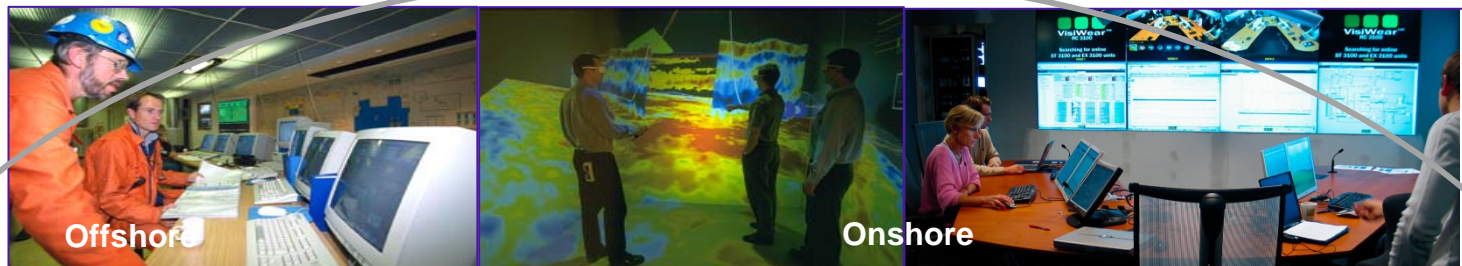


Integrated Operations and IT perspectives

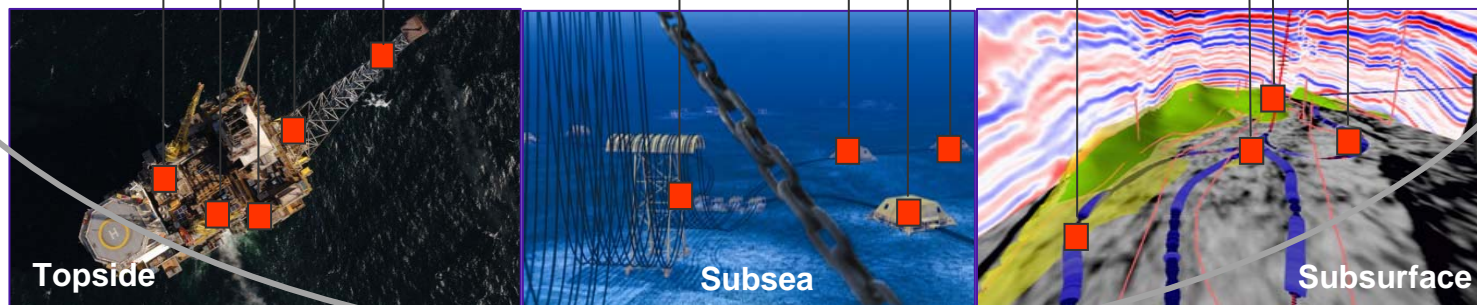
Oskar Fredagsvik, Leading Advisor IO



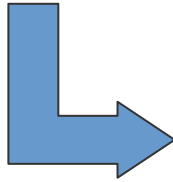
Integrated operations: Collaboration across all boundaries



Onshore/offshore integrated information system

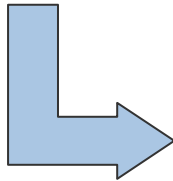


Supporting the New Operating Model



New Operating Model Requires:

- Common, standardized work processes
- Across assets, and across disciplines



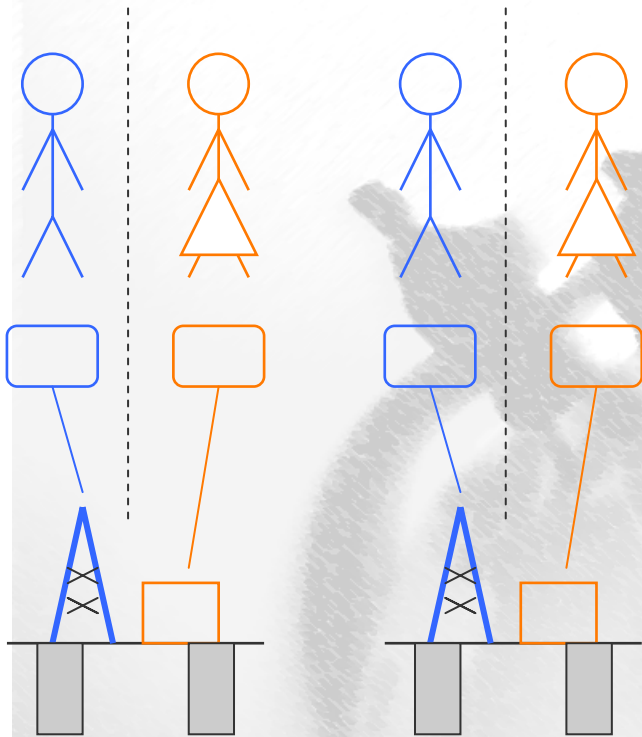
Common, Standardized work processes requires:

- Common, Standardized data and data-access
- Common, Standardized applications

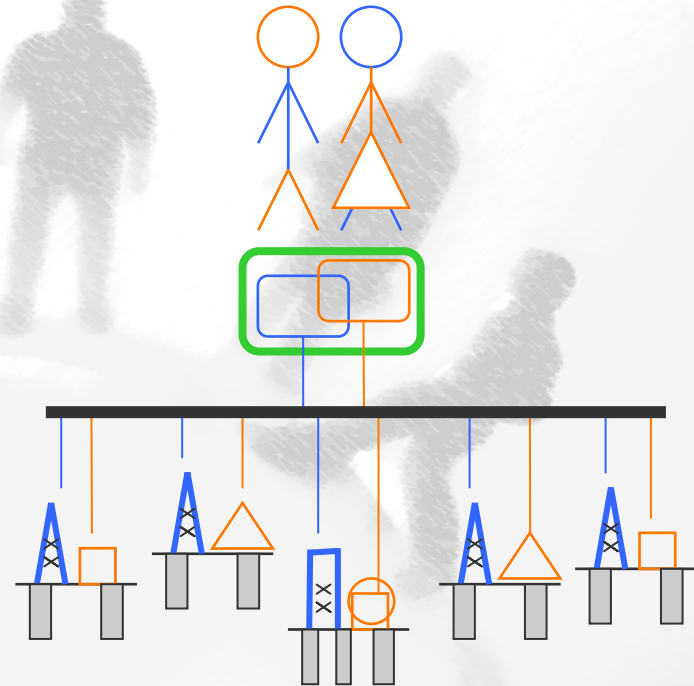
- Examples from other areas:
 - SAP (BRA project)
 - SCORE project

New operating model

• From:

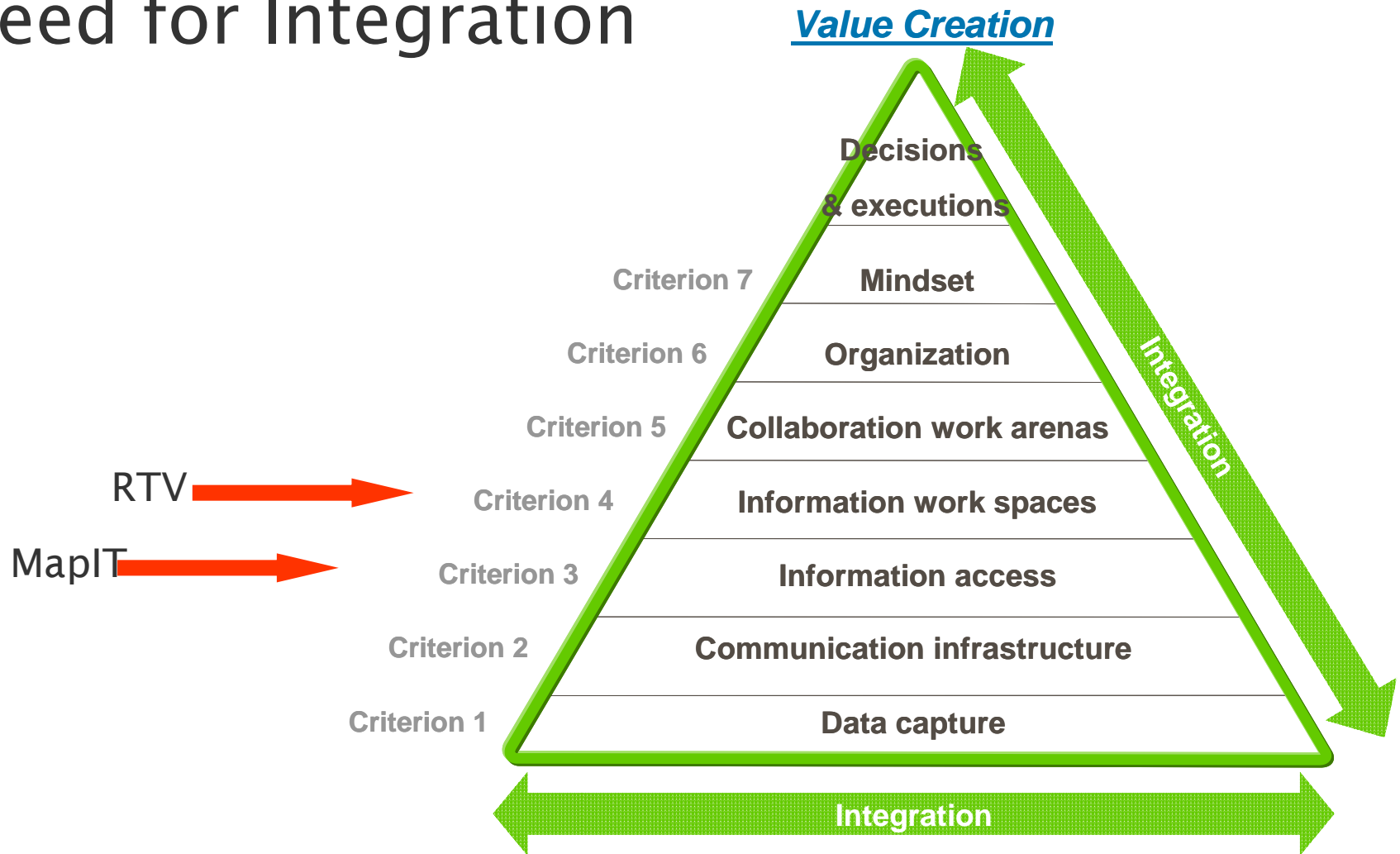


• To:



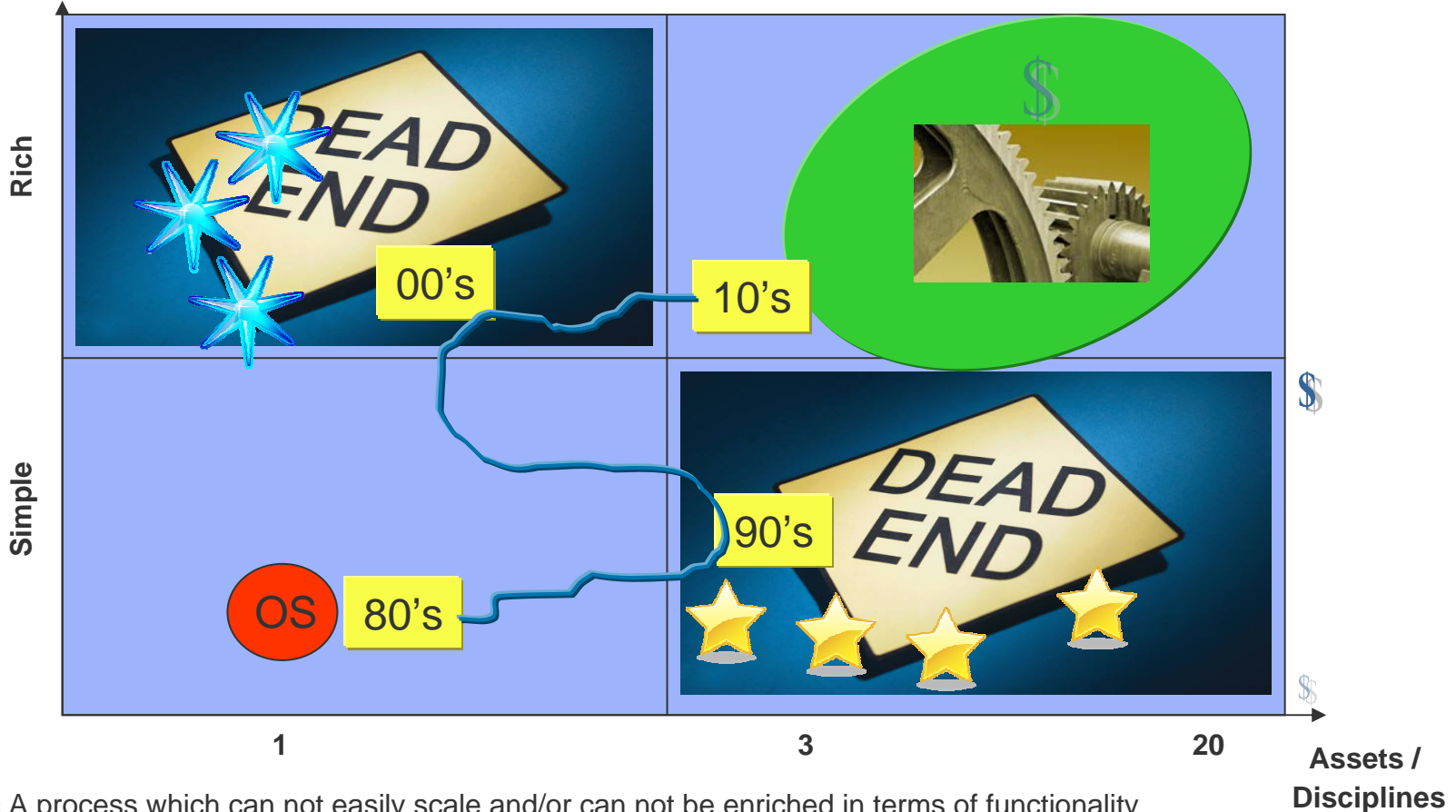
- Enable best practices sharing across assets
- Enable multidiscipline teams
- Consistent information
 - Everywhere
 - At any time
 - To any application

Need for Integration




Data Integration - pathway to the full potential

Degree of
Functionality



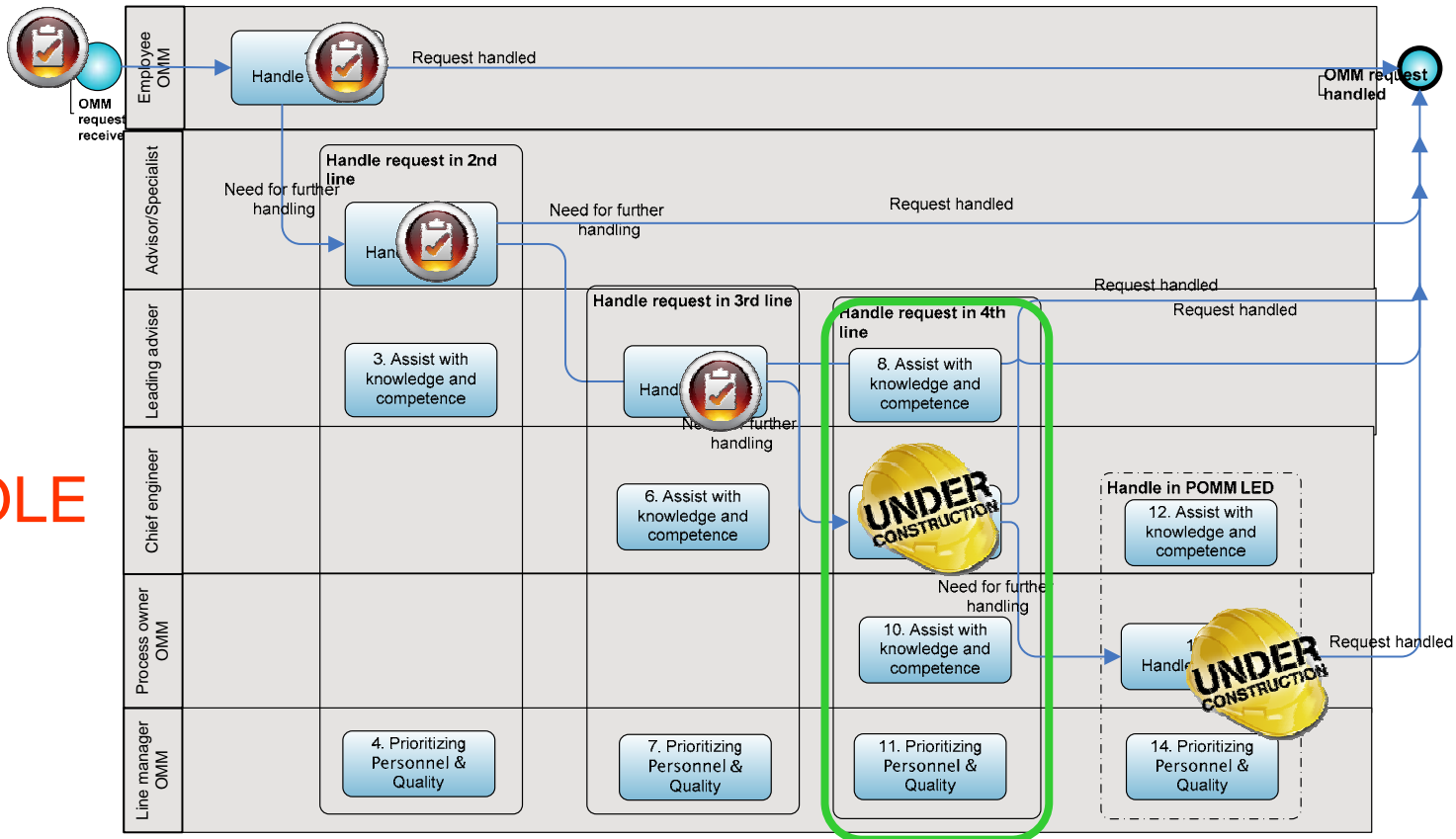
 = A process which can not easily scale and/or can not be enriched in terms of functionality

 = A new or modified process that has rich functionality AND can be scaled out – thus supporting IO

Work Process

Handle OMM request

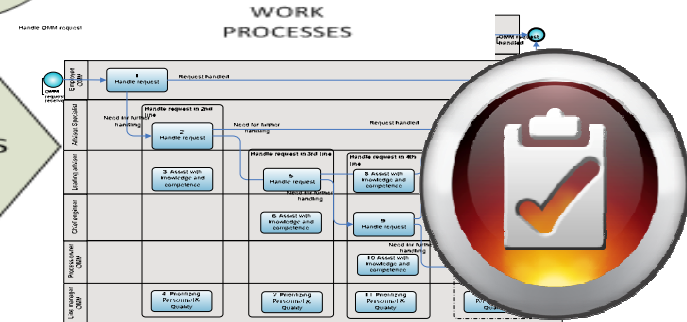
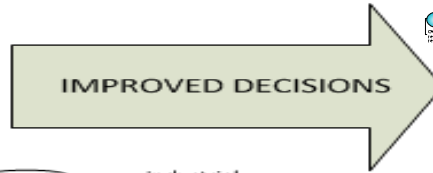
ROLE



TO-BE



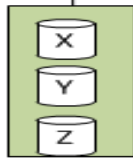
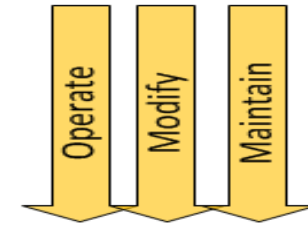
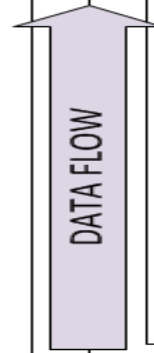
Information Work Space



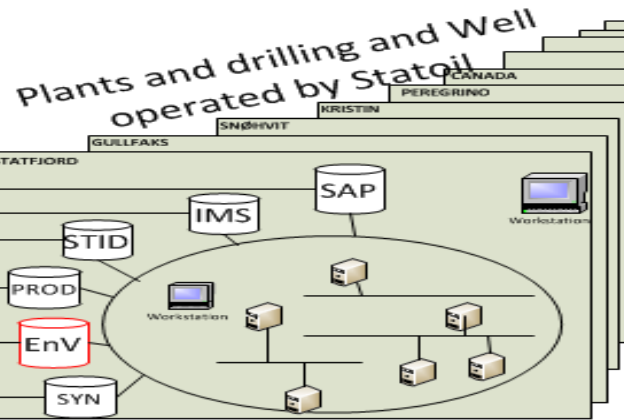
GODI



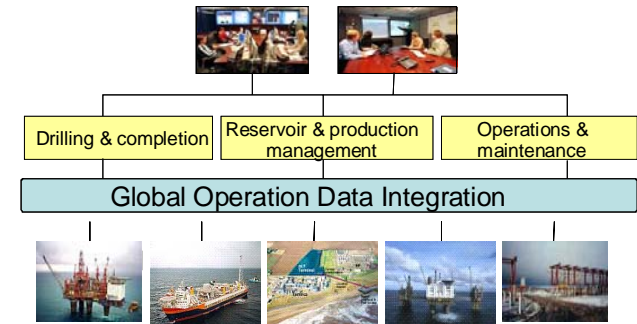
Industrial standards
ISO 15926
ISA 95 / 88
Other....



OTHER DATA SOURCES



Why GODI?

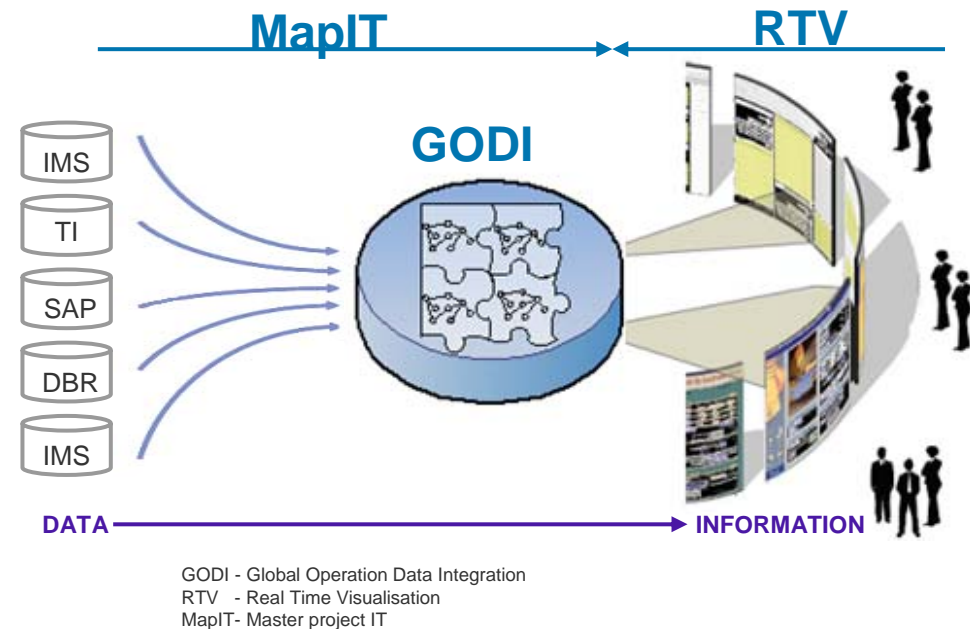


Provide enterprise-wide access to plant data, through standardised information models combining data from different sources, to end-user applications

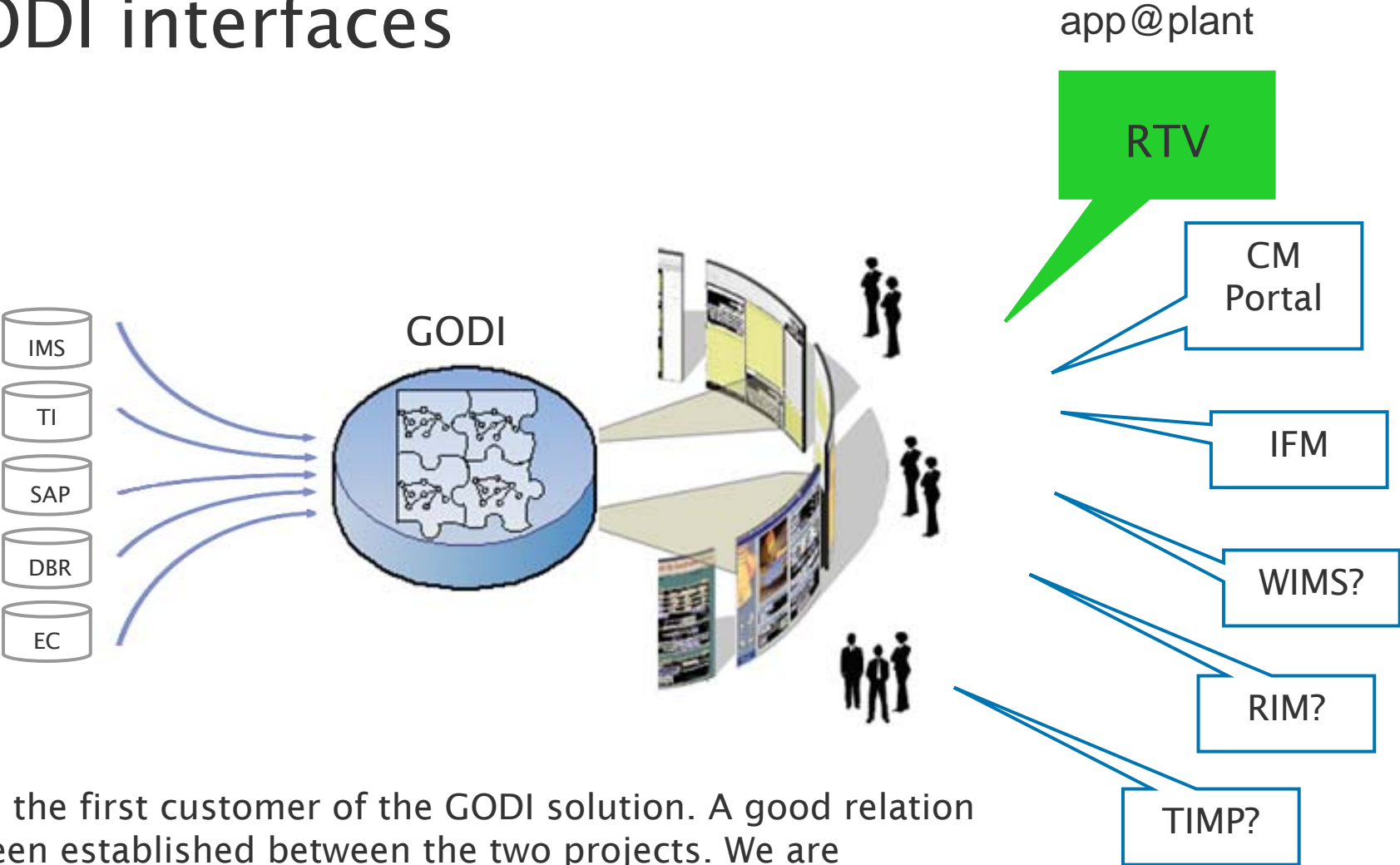
- Representing a **paradigm** shift in the way we support our assets
 - Data availability at a complete new level
 - Collaboration
 - offshore/onshore
 - Cross assets
 - Around the globe
 - New and more efficient work processes – supporting POG

RTV - MapIT

- The MapIT project will deliver standardised data access independent of data source technology to any data subscriber
- The RTV project will deliver information work spaces for data visualisation and collaboration to Petec and OMM domains
- The two projects will deliver:
 - Standardised information to support safer, better and faster decisions for work processes
 - Standard visualisation and collaboration across assets
 - A platform to enable continuous change
 - Support tools for to new operating model
 - Enablers for creative and innovative Industrial IT tools



GODI interfaces

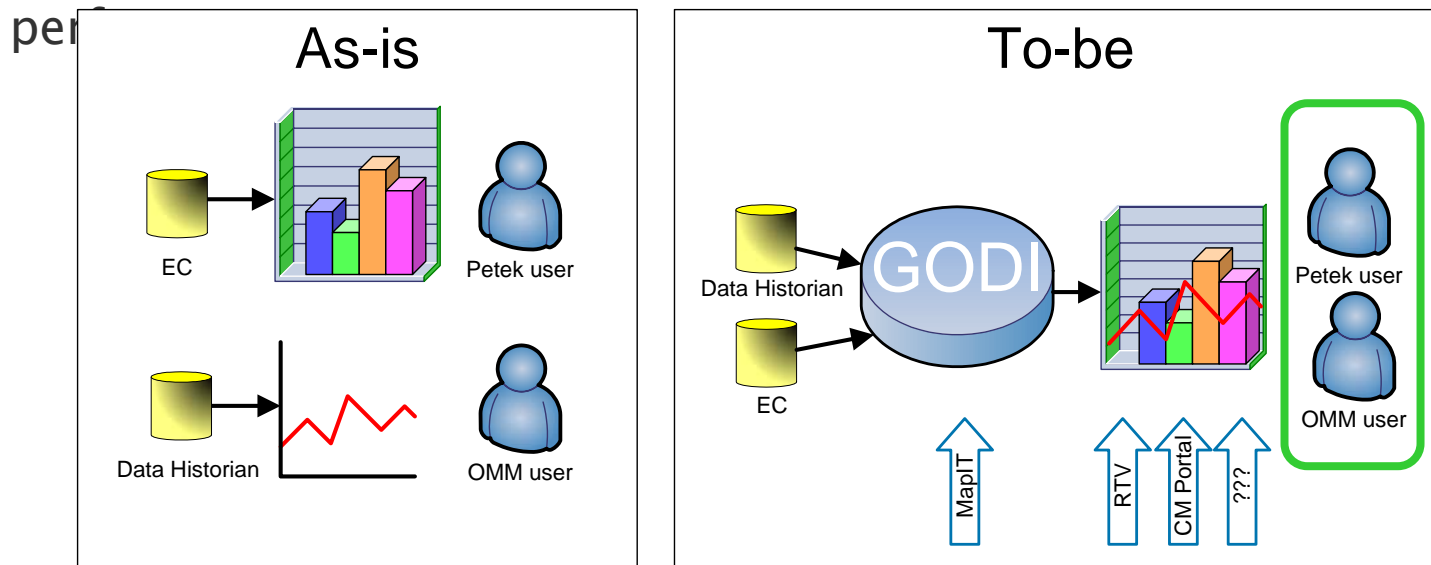


RTV is the first customer of the GODI solution. A good relation has been established between the two projects. We are collaborating on all common deliveries.

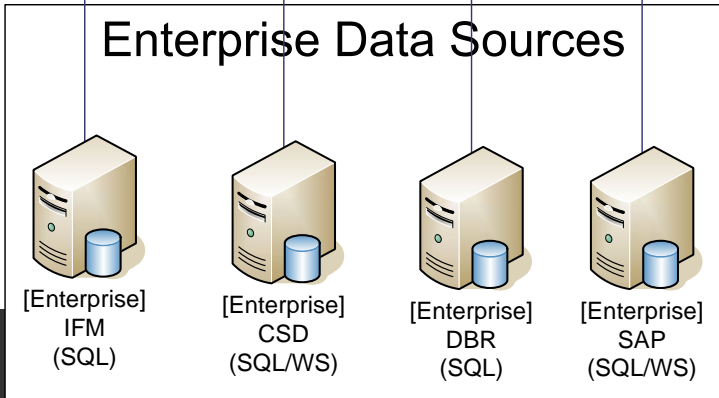
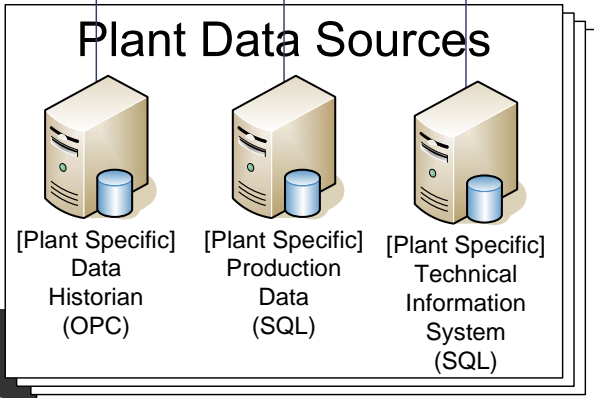
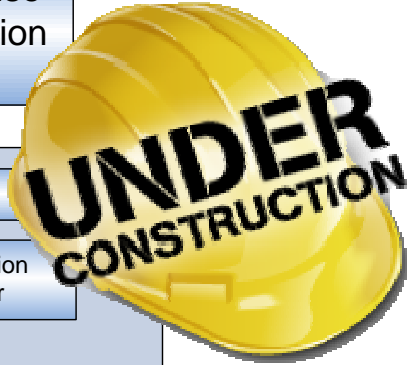
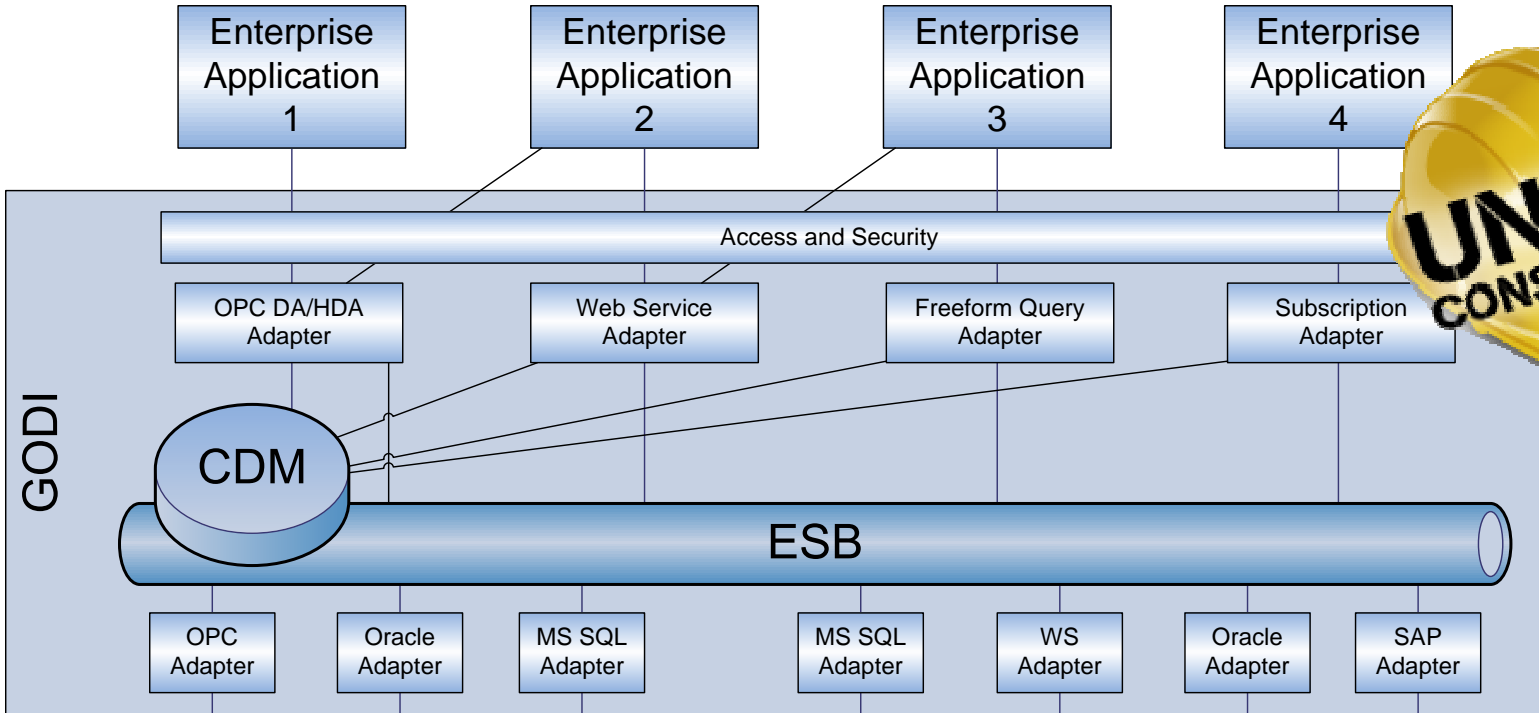
GODI enablement example

Cross discipline data access capabilities

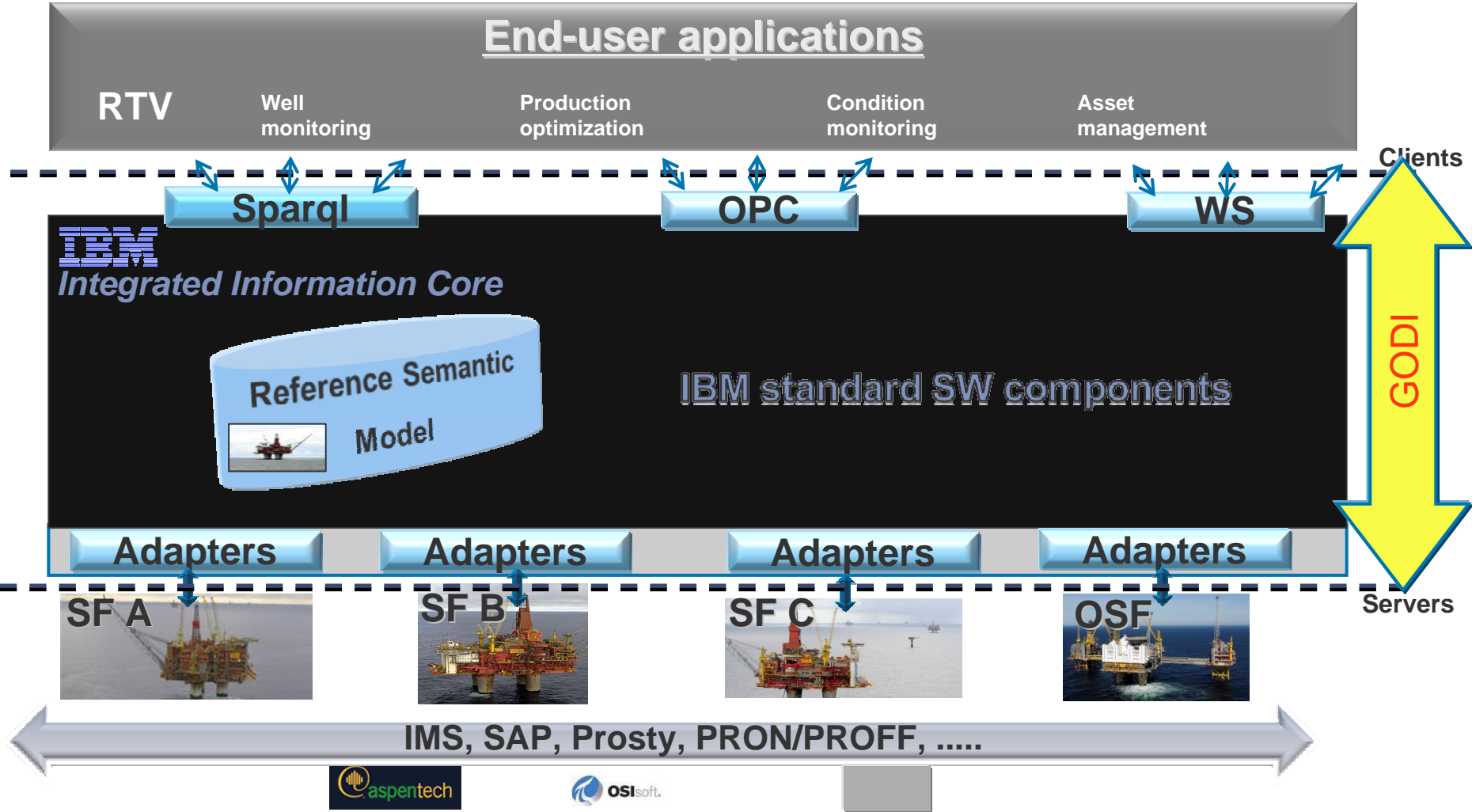
- Today's work processes, and even more so the work processes in the future, relies on seeing an asset as a whole and to not solely focus on each discipline area by itself.
 - Increasingly, there is also a requirement to be able to monitor equipment of a particular kind used at multiple assets to improve performance



GODI - Concept Architecture

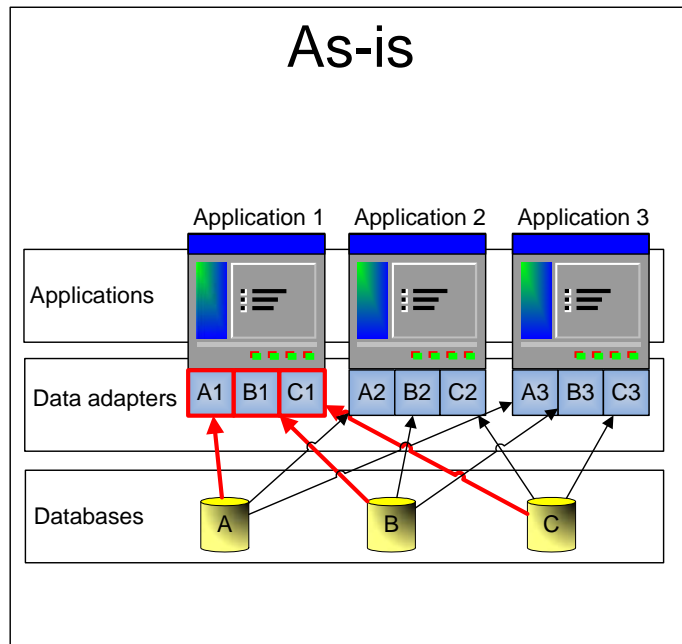


GODI Pilot Overview

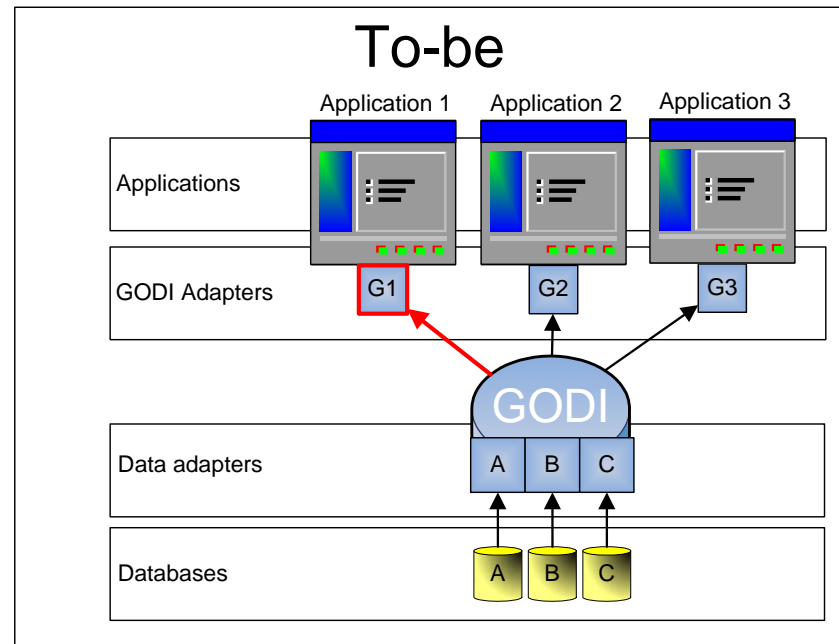


Adding value

ONE ASSET



CORPORATE



Thank you

IO and IT perspectives

Oskar Fredagsvik

Leading Advisor

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