



PCA and MIMOSA Invited Owners / Operators Forum
Americas 2013 Houston, Texas – March 21, 2013

ISO 15926 Usage

Robin Benjamins



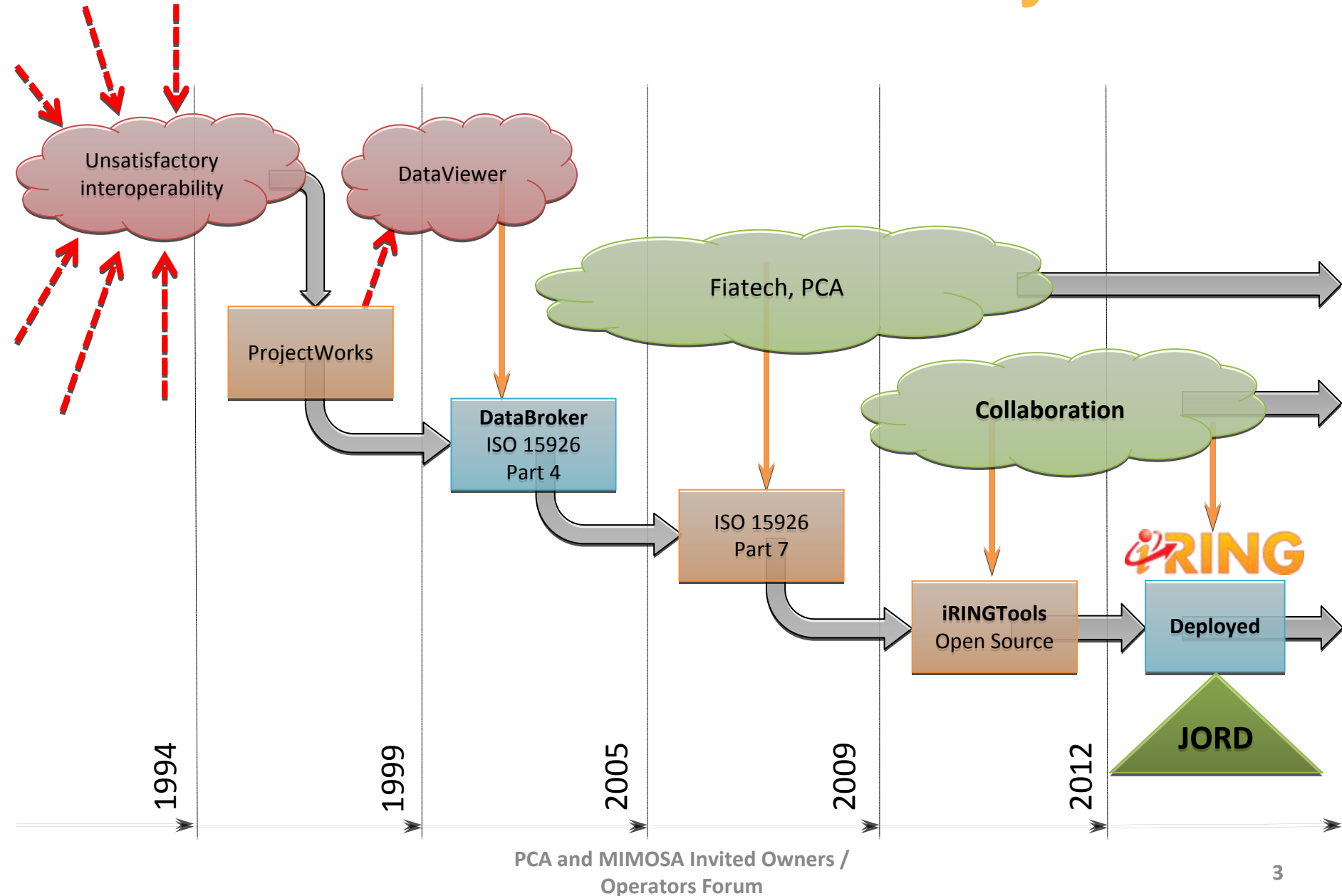
Corporate Engineering



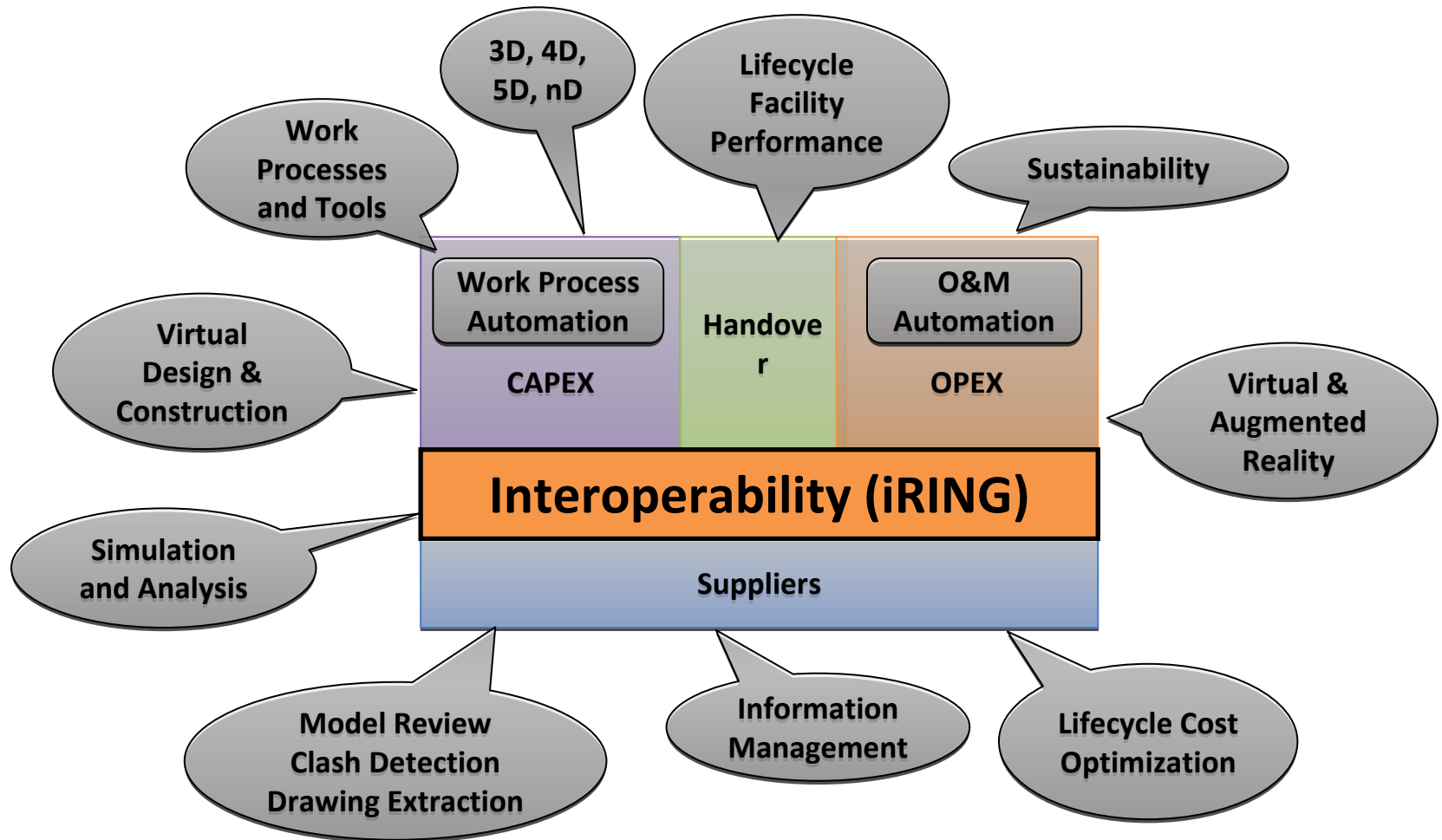


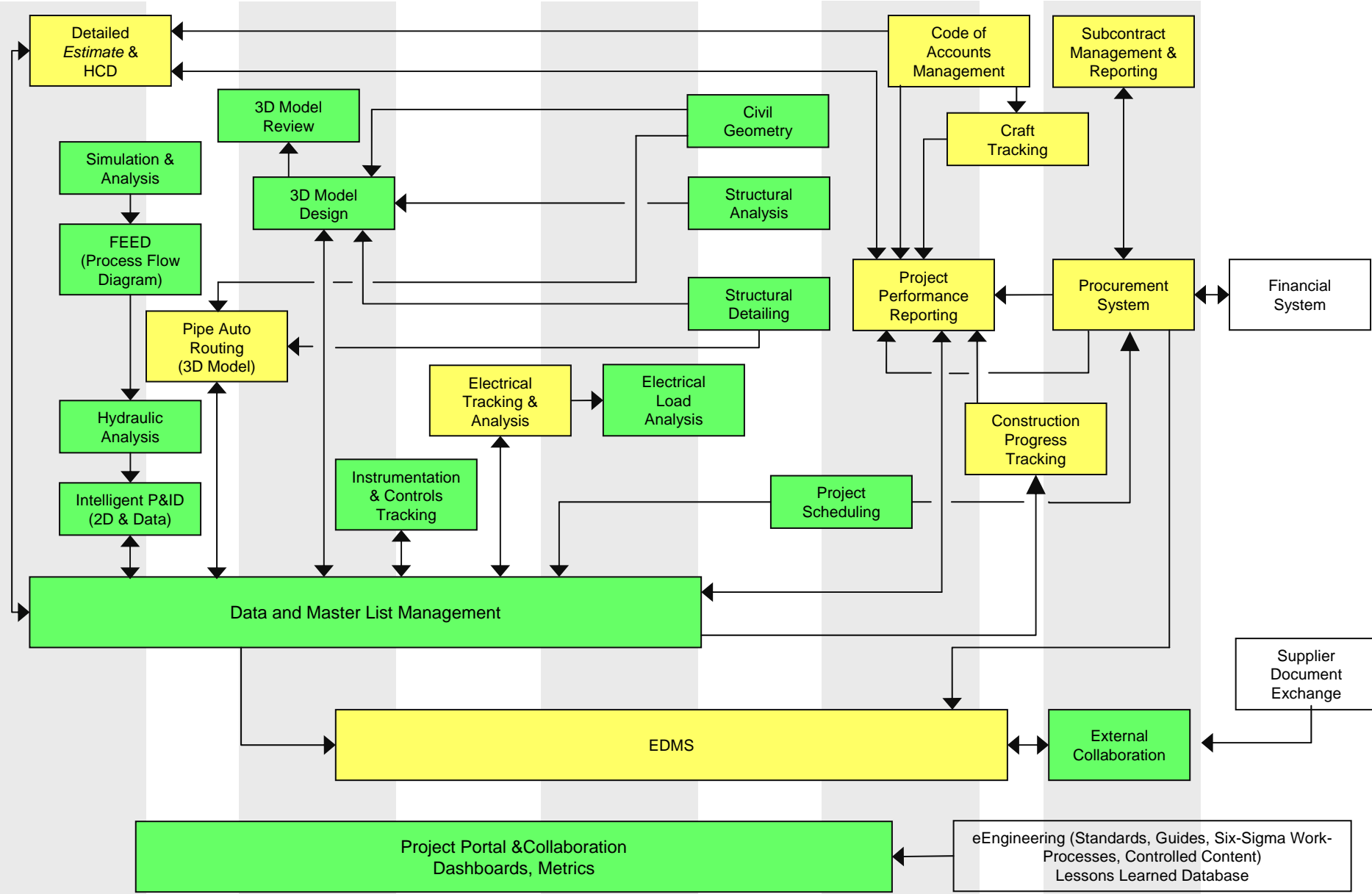
- Our journey
- First usage: DataBroker/RDM
- Second usage: iRINGTools/JORD
- Mobility
- When will it be ready?

Our ISO 15926 Journey

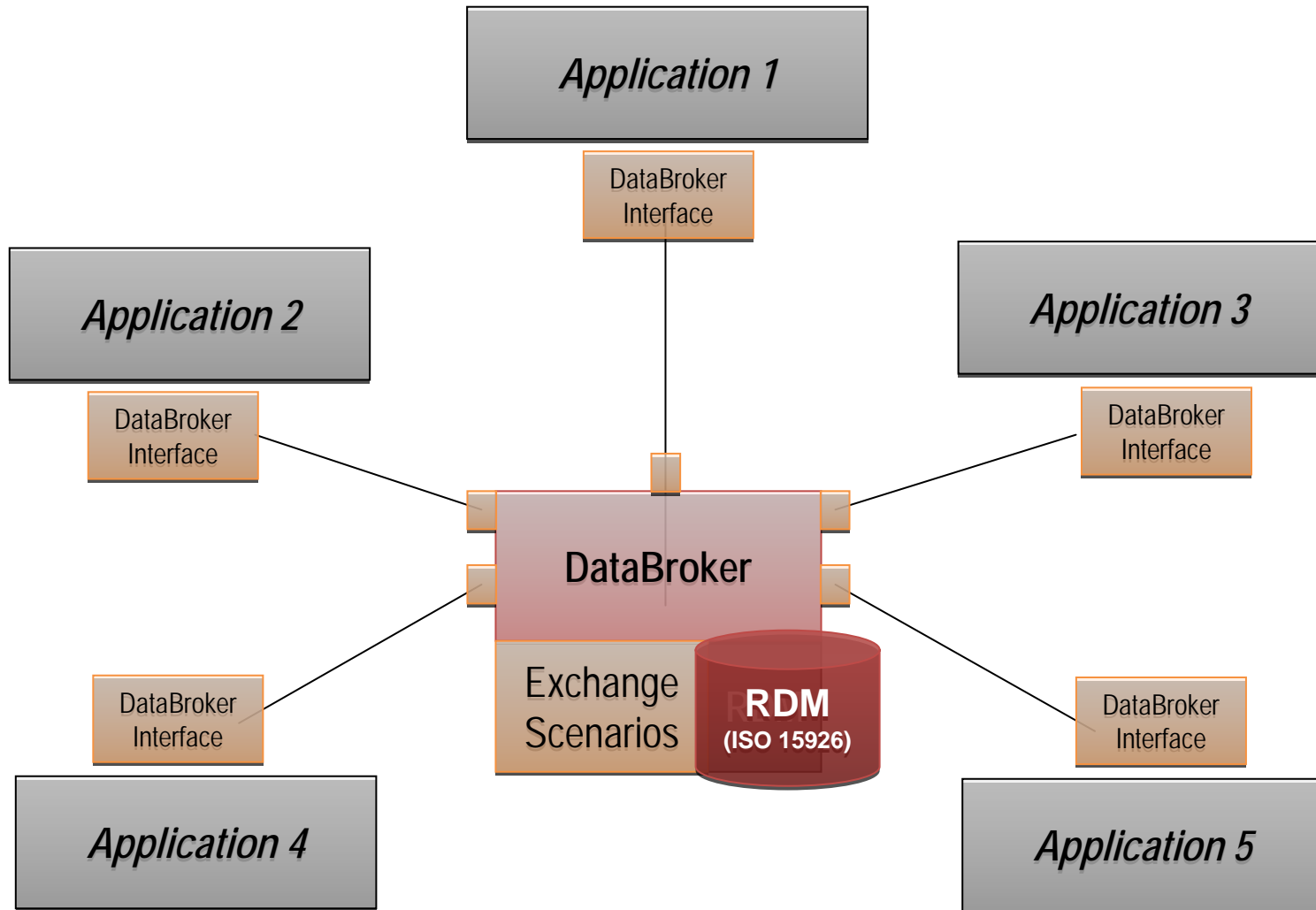


iRING - Where Does it Fit?

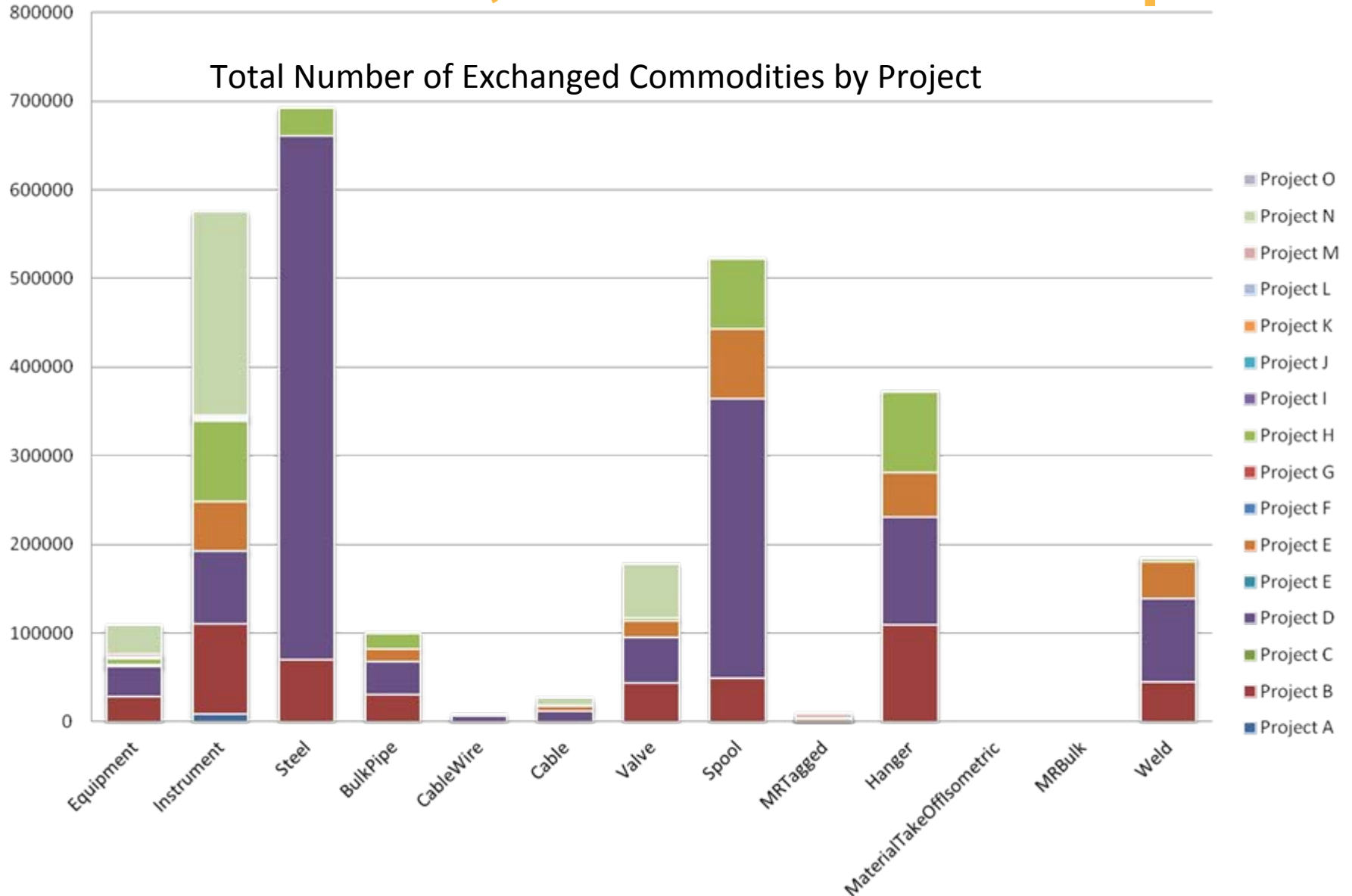




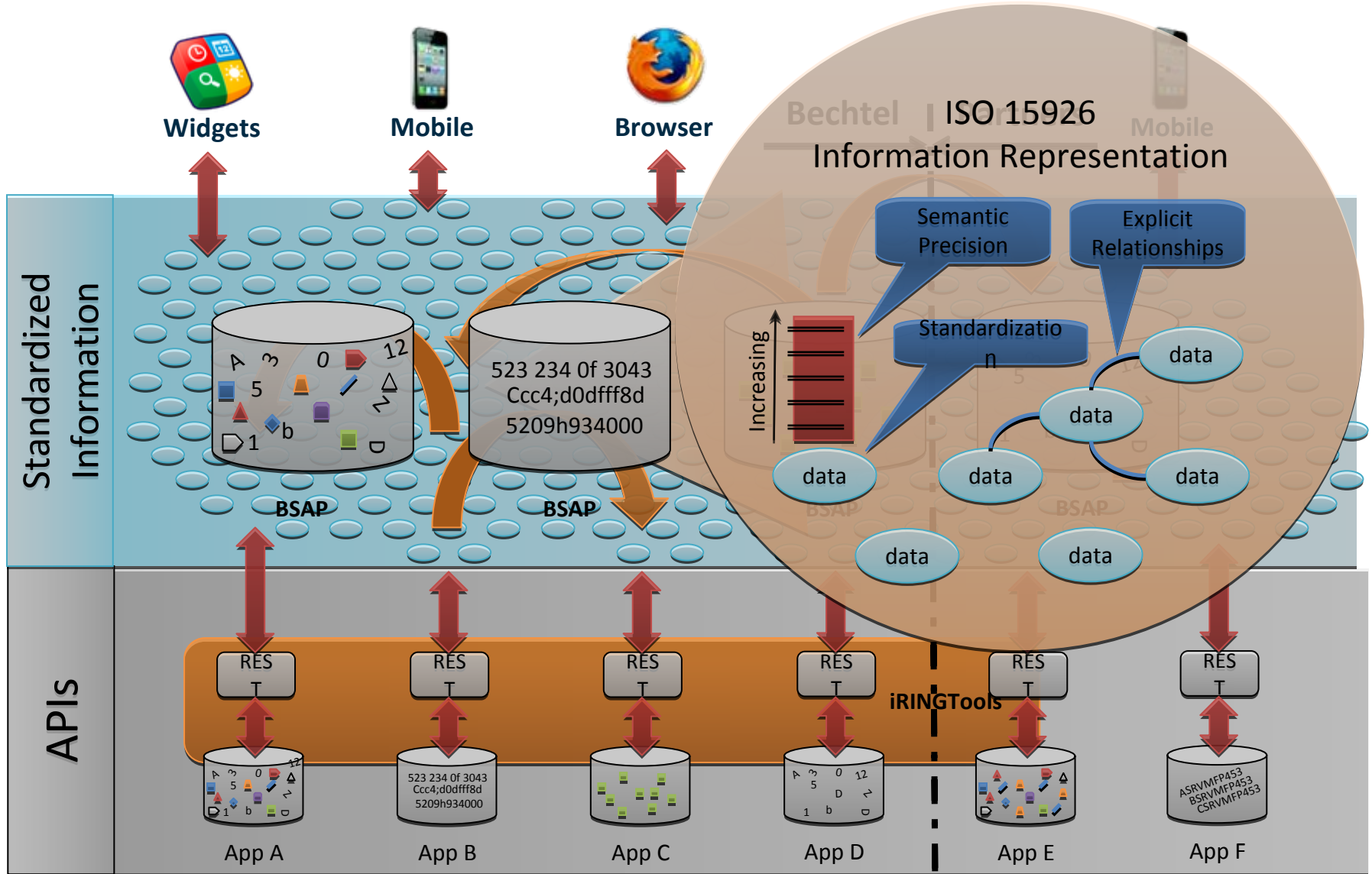
DataBroker: ISO 15926 – 1.0



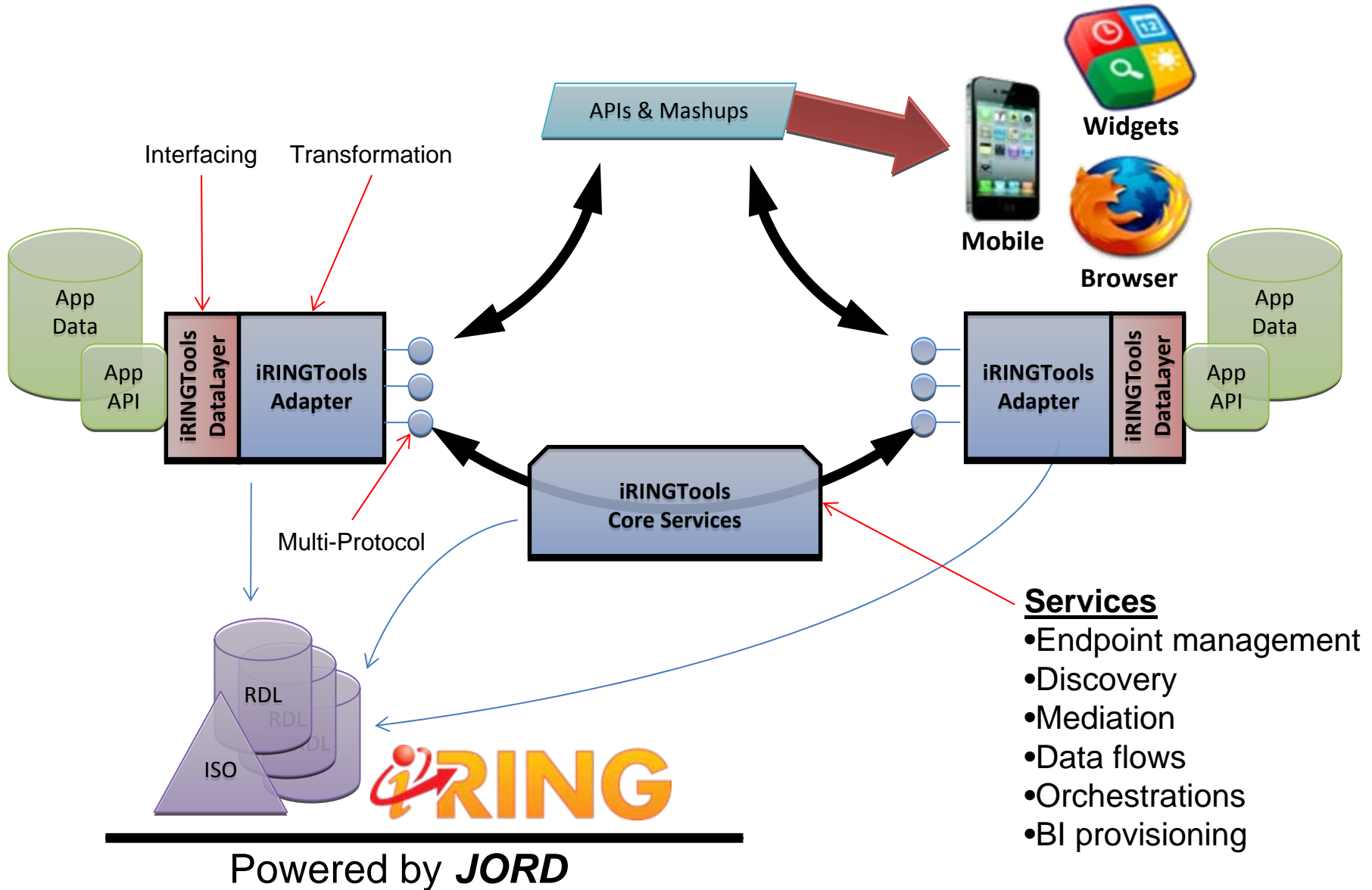
ISO 15926 1.0, Oil & Gas – A Snapshot



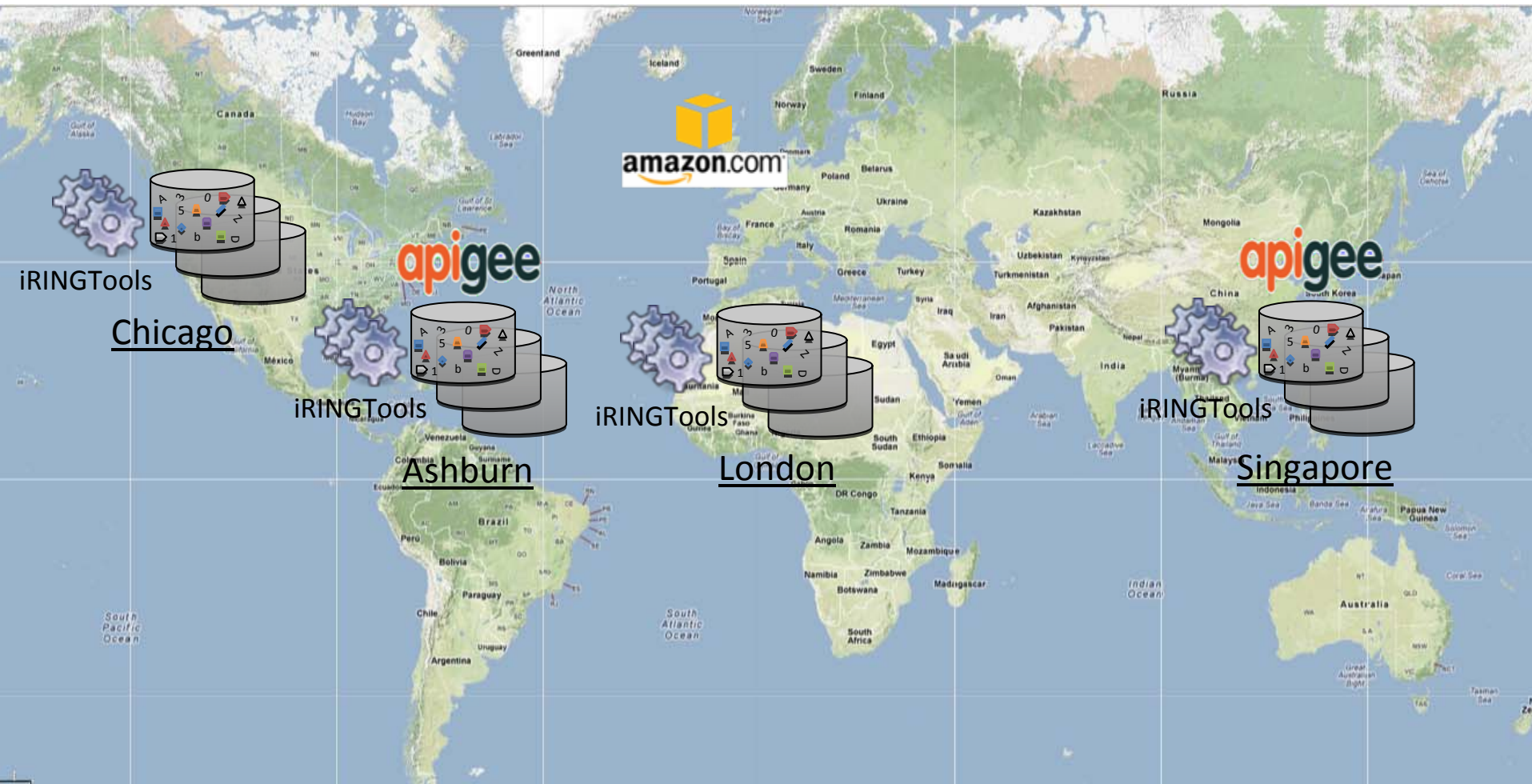
iRING - What Is It?



iRINGTools: ISO 15926 – 2.0



iRING - Data Centers

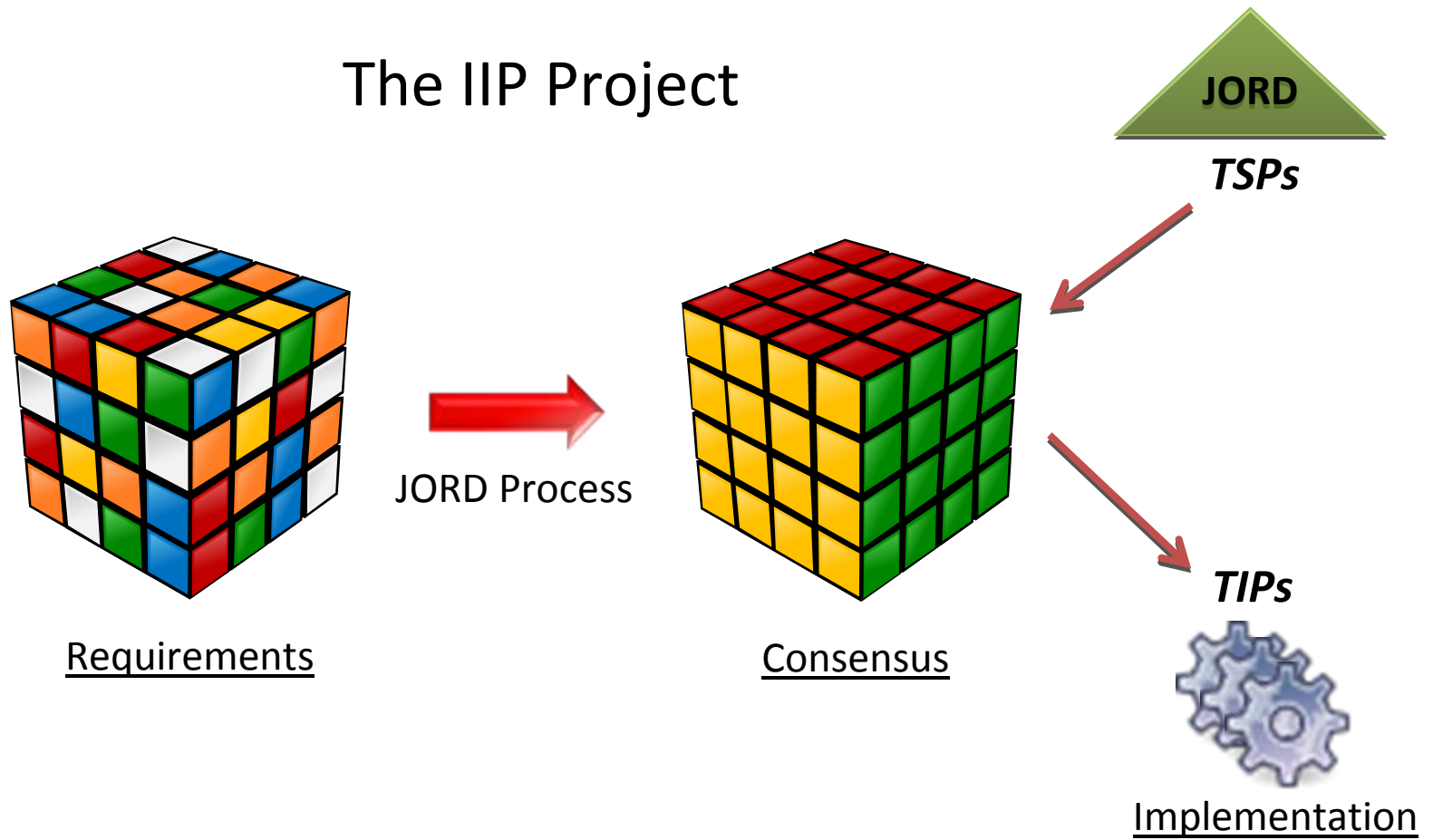


- Deployed Data Flows

| Flow_Name | Project | Commodity | SendingApp | ReceivingApp |
|-------------------------------------|-----------|---------------|-------------|--------------|
| Instrument:SPI->Inspec | Project A | Instrument | SPI/BCSTool | Inspec |
| Manual Valve:SPPID->Inspec | Project A | Valve | SP P&ID | Inspec |
| Instrument:SPPID->Inspec | Project A | Instrument | SP P&ID | Inspec |
| Equipment:SPPID->Inspec | Project A | Equipment | SP P&ID | Inspec |
| Line:SPPID->Inspec | Project Q | Line | SP P&ID | Inspec |
| Valve:SPPID->Inspec | Project Q | Valve | SP P&ID | Inspec |
| Instrument:SPPID->Inspec | Project Q | Instrument | SP P&ID | Inspec |
| Equipment:SPPID->Inspec | Project Q | Equipment | SP P&ID | Inspec |
| Line:SPPID->TW | Project G | Line | SP P&ID | TEAMWorks |
| Valve:SPPID->TW | Project G | Valve | SP P&ID | TEAMWorks |
| Instrument:SPPID->TW | Project G | Instrument | SP P&ID | TEAMWorks |
| Equipment:SPPID->TW | Project G | Equipment | SP P&ID | TEAMWorks |
| Cable:Setroute->Inspec | Project Q | Cable | Setroute | Inspec |
| Instrument:SPI->Inspec | Project Q | Instrument | SPI/BCSTool | Inspec |
| Pressure Relief Valve:SPPID->Inspec | Project A | Valve | SP P&ID | Inspec |
| Cable:Setroute-> Inspec | Project W | Cable | Setroute | Inspec |
| BulkMaterial:CORe->TW | Project W | Bulk Material | CORe | TEAMWorks |
| Instrument:SPI->Inspec | Project W | Instrument | SPI | Inspec |
| Spool:TW->SPR | Project P | Spool | TEAMWorks | SPR |

Information Patterns (IIP)

The IIP Project



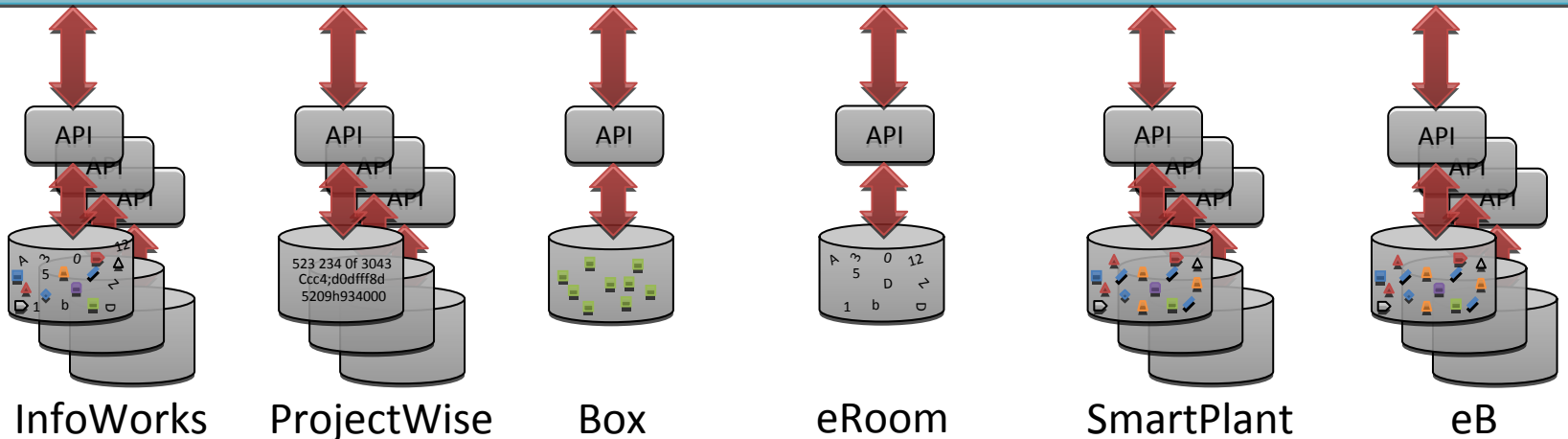
iRING - Reuse

One iPad “Documents”
App for all document
sources



Identity + context =
access

ISO 15926 Abstraction



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Questions?