



ISIS & Services to Industry

The Item Of Supply Information System, Services to Industry, Adoption of ISO 22745 & the SSC III Project

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ISIS Technical Manager

Corporate Profile

40 years of experience in IT

40,000 people in 36 countries

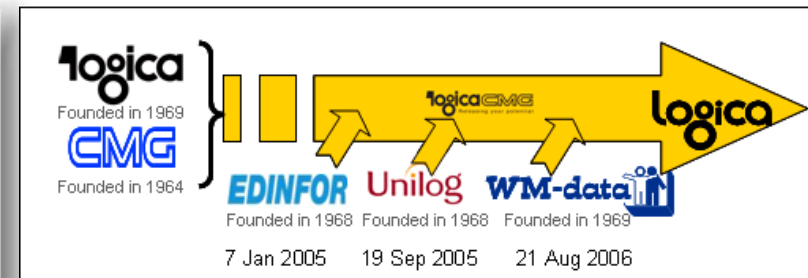
A broad portfolio across key industry sectors for a worldwide client base

ISO9001:2000 and TickIT accredited

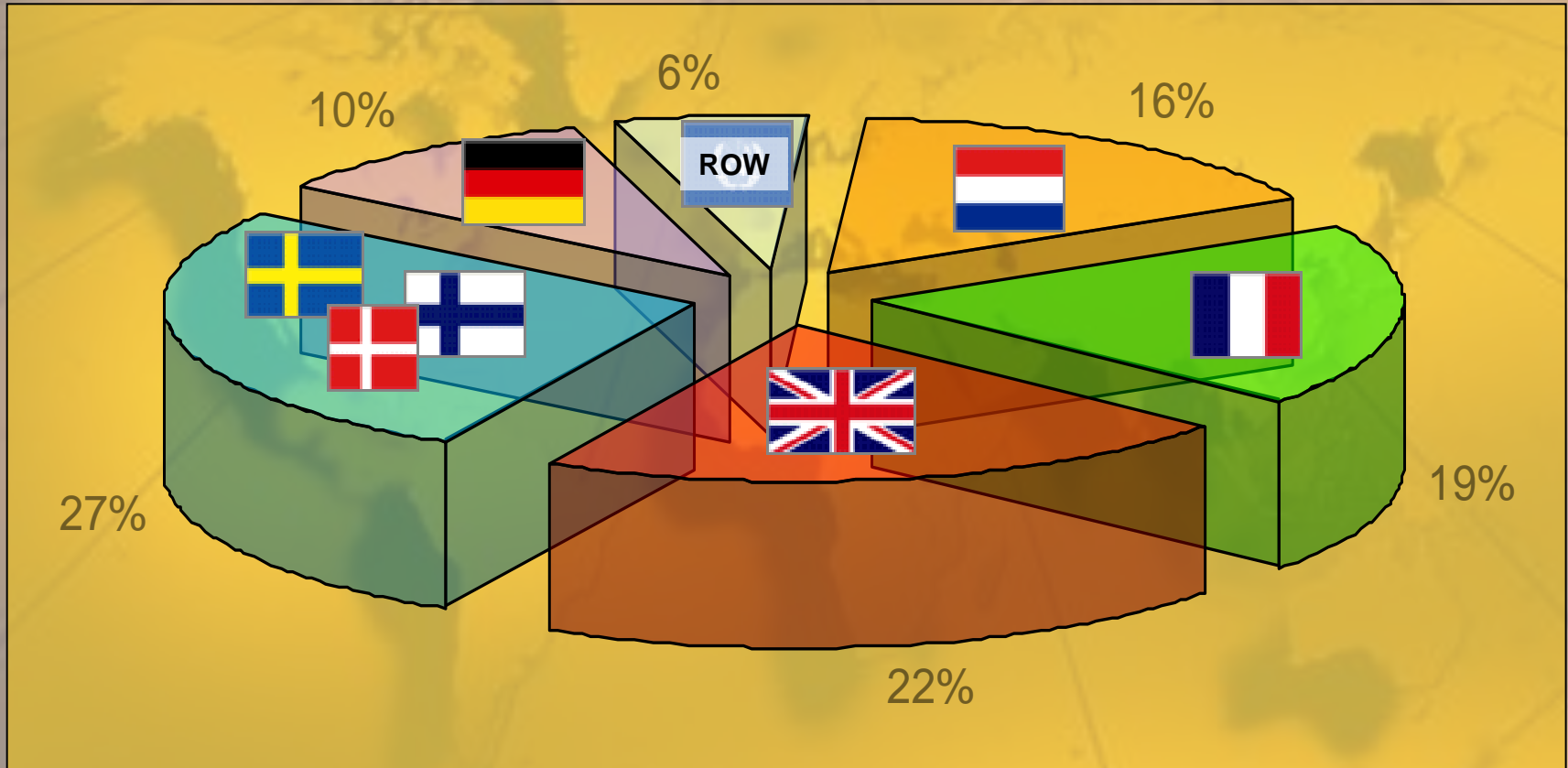
Listed on the FTSE, techMARK100 and AEX exchanges. Approximately £ 2 Bn capitalisation

Annual revenue – £ 3 Bn

Logica is No 5 in Europe, and top 20 globally, ICT companies



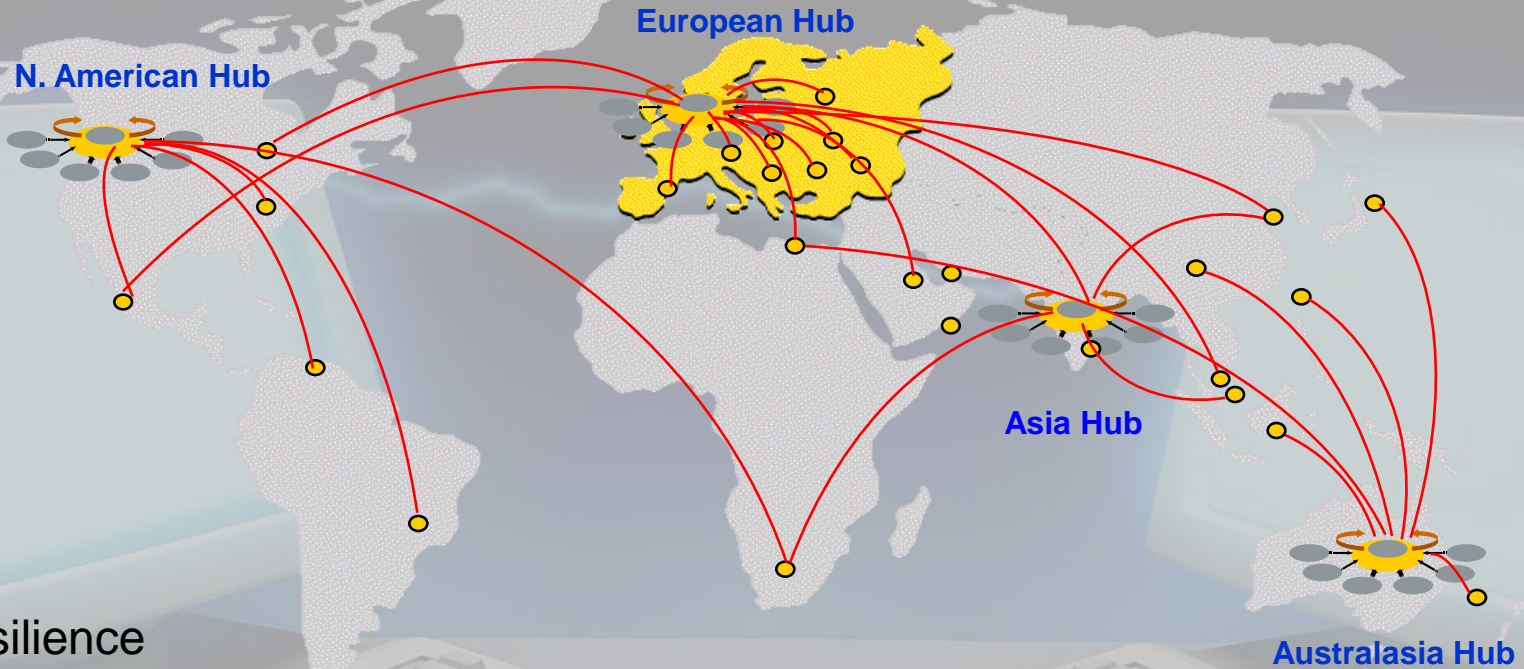
Logica Results 2007



£ 3.073 billion revenue

Our Global Infrastructure

- A global network of over 40 Service Delivery Centres



- Resilience
- Scalability

All Sites Linked with a **Global Control Bridge Network** with a **MPLS network** connecting them with capacity of **33 MBPS**

Logica Structure



Logica Australia

- **Energy & Utilities**
 - Rated number one IT service provider to E&U Industry
- **Public Sector**
 - Fastest Growing ICT Company in Canberra 2009
 - Won two Intermedium Froggy awards for sales performance in federal government ICT market
 - Major outsourcing contracts with NHMRC (National Health & Medical Research Council), ACMA (Australia Communications & Media Authority) and CrimTrac, the agency responsible for developing information sharing systems for law enforcement
- **Transport & Logistics**
 - MOSAIC (a SCADA solution) to Yarra Trams

ISIS & UK NCB Partnership

Logica

Consultancy

System Development

Installation

Software Support

Hardware Support

Logica & UKNCB

System Design

Security

Development Management

Database Management

System Administration

UKNCB

Business Process Management

Application Education

ISIS Help Desk

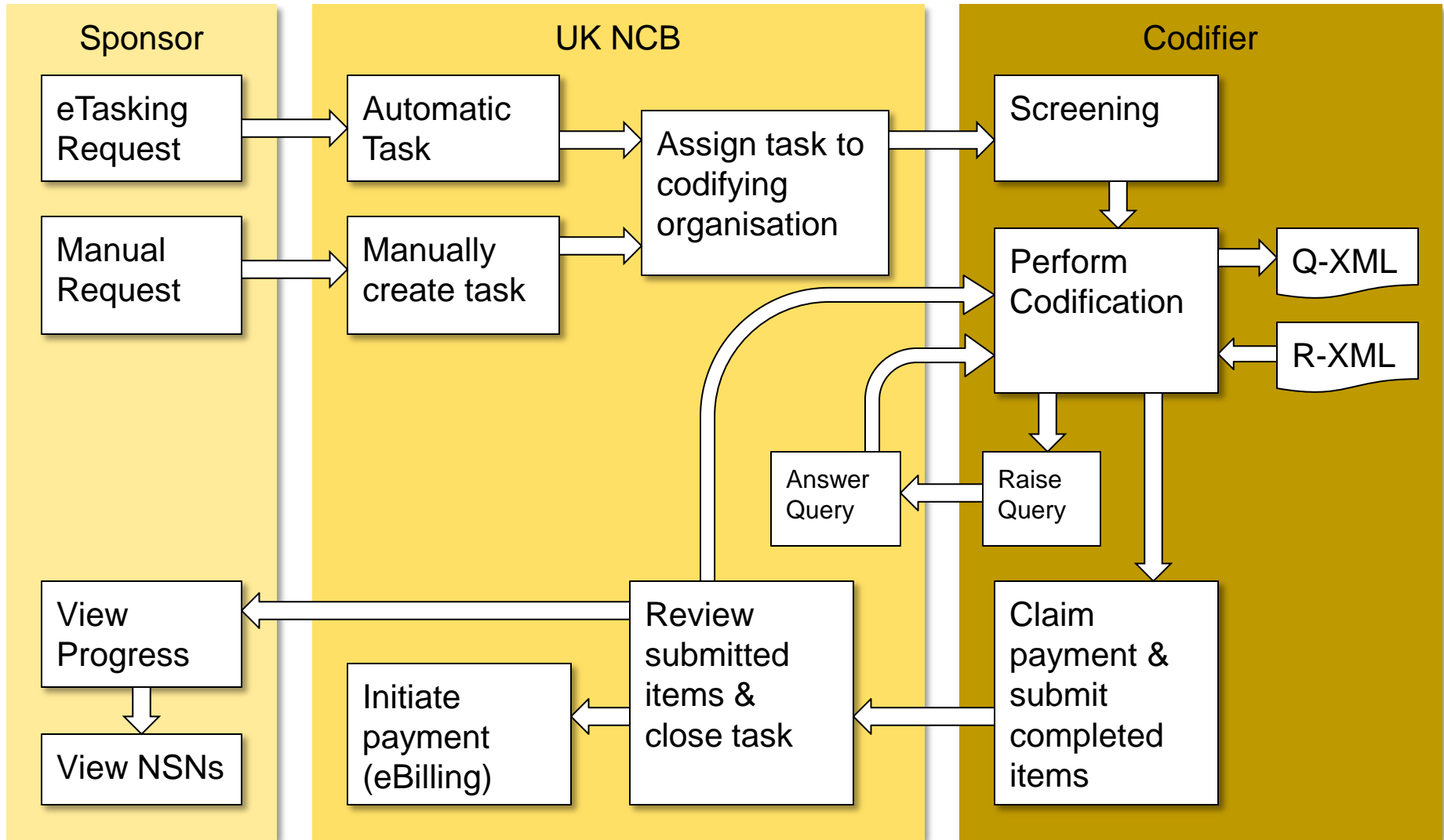
ISIS Core Features

- Full implementation of the NATO Codification System
- Fully web-based
- ISO 22745 data exchange
- Loading & Maintenance of H2, H6, MRD & FIIG Data
- Enquiry
 - IOS, NCAGE & ACodP2/3 Enquiry
 - ISISWeb: offline enquiry updated daily
- Automatic processing of international transactions
- NCAGE Maintenance
- Comprehensive Data Maintenance and reporting facilities
- Workflow Management
 - Integrated task control and billing for outsourcing of codification work
 - Online submission of codification requests and tracking of progress

ISIS Statistics

- UK Database
 - Full NMCRL dataset (not characteristics)
 - 5 million UK items, 0.6 million foreign items in use
 - 30 million characteristics replies for items used by UK
- UK NCB receive more than 8000 requests for codification per month
 - New items & amendments
 - UK and International requests
 - Significant proportion are submitted online (eTasking)
- Average of 1500 codification submissions per day
 - Routine codification work
 - Data improvement work
- 70,000 international transactions (L-DIC/K-DIC) sent/received per month

ISIS Codification Process



Developments for Industry

- AECMA Spec 2000M – Codification transactions
- ISISWeb offline enquiry (2003)
 - 9000 registered users across MOD & Industry
- ISISWeb improved characteristics searching (2007)
 - Can search for properties regardless of INC
 - Based on decoded properties and property values
 - Includes automatic unit conversion
- Inclusion of RDGs in ISISWeb (2008)
- Auto NCAGE (2008)
- eTasking for industry users (2008)
- ISO 22745 (q-xml and r-xml) for SSC III project (2009)
- Online viewing of all items for NCAGEs
 - Notification of updates

Future Developments for Industry

- eOTD Manufacturers Interface
- Creation and import of IIGs using ISO 22745 i-xml
 - Meet ISO 8000 data quality standard
- ISISWeb to become fully web-based
 - Currently requires Sun Java to be installed
- Source data associated with NSNs
 - Photos
 - Drawings

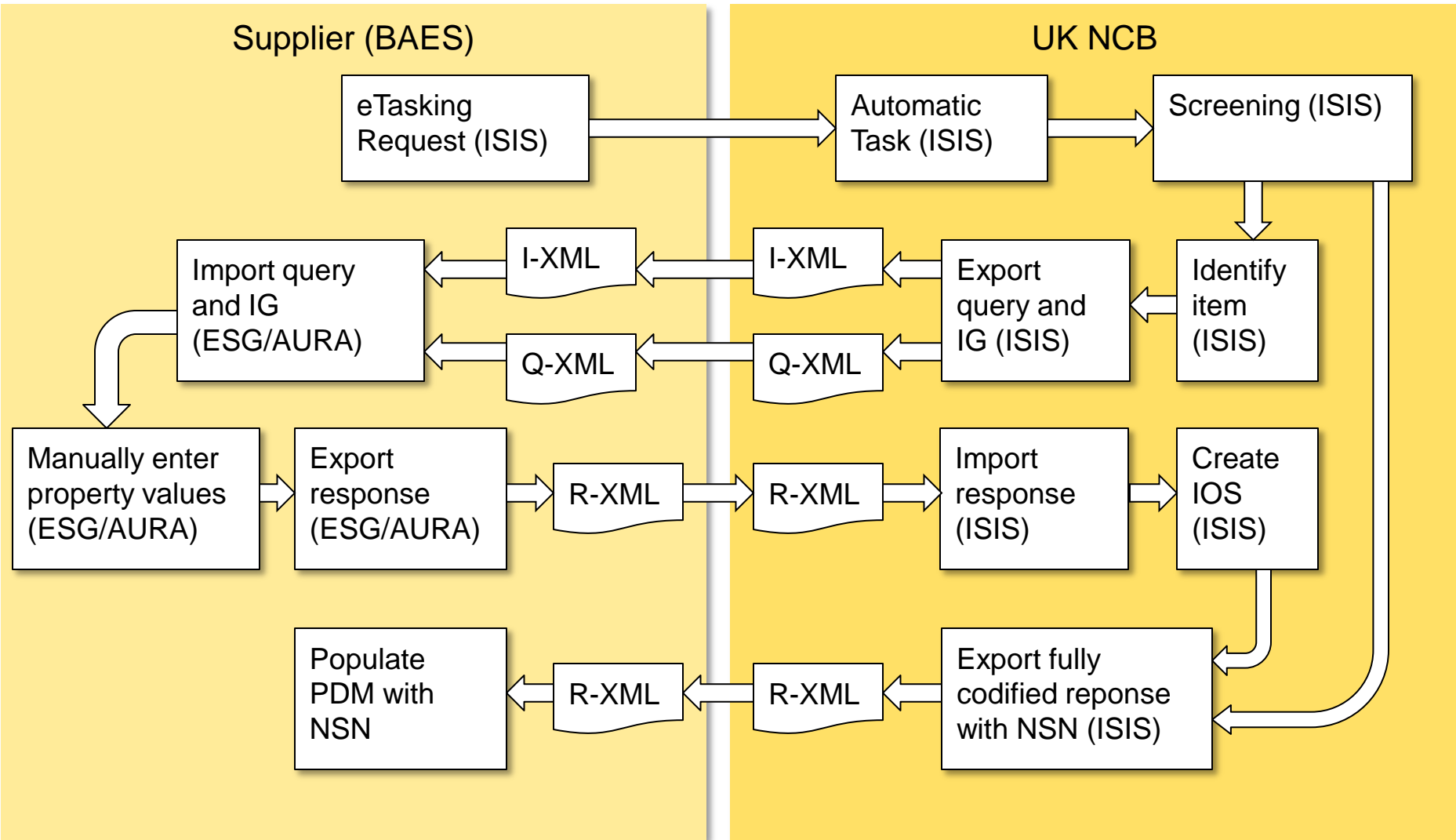
SSC Phase III - project aims

- Identify a medium sized project with enough data to be codified stored in an electronic Product Data Management (PDM) system
 - Terrier engineer vehicle (BEAS Combat Systems)
- Create a fully codified platform from the PDM using ISO 8000 data exchange methods
- Return the fully codified data in ISO 22745 format including the NSN
- Demonstrate improvements in quality and time of codification process
- Provide information on potential whole life cost savings

SSC Phase III - project participants

- AC 135 – Project Management (UK NCB), funding
- BEAS Combat Systems – Supplier
- LSC – Cost Benefits Analysis
- ESG – IT Consultancy, manufacturer's interface
- AURA – IT Consultancy, manufacturer's interface
- Logica – IT Consultancy, changes to ISIS

SSC Phase III - Process



SSC Phase III – Quality Comparison

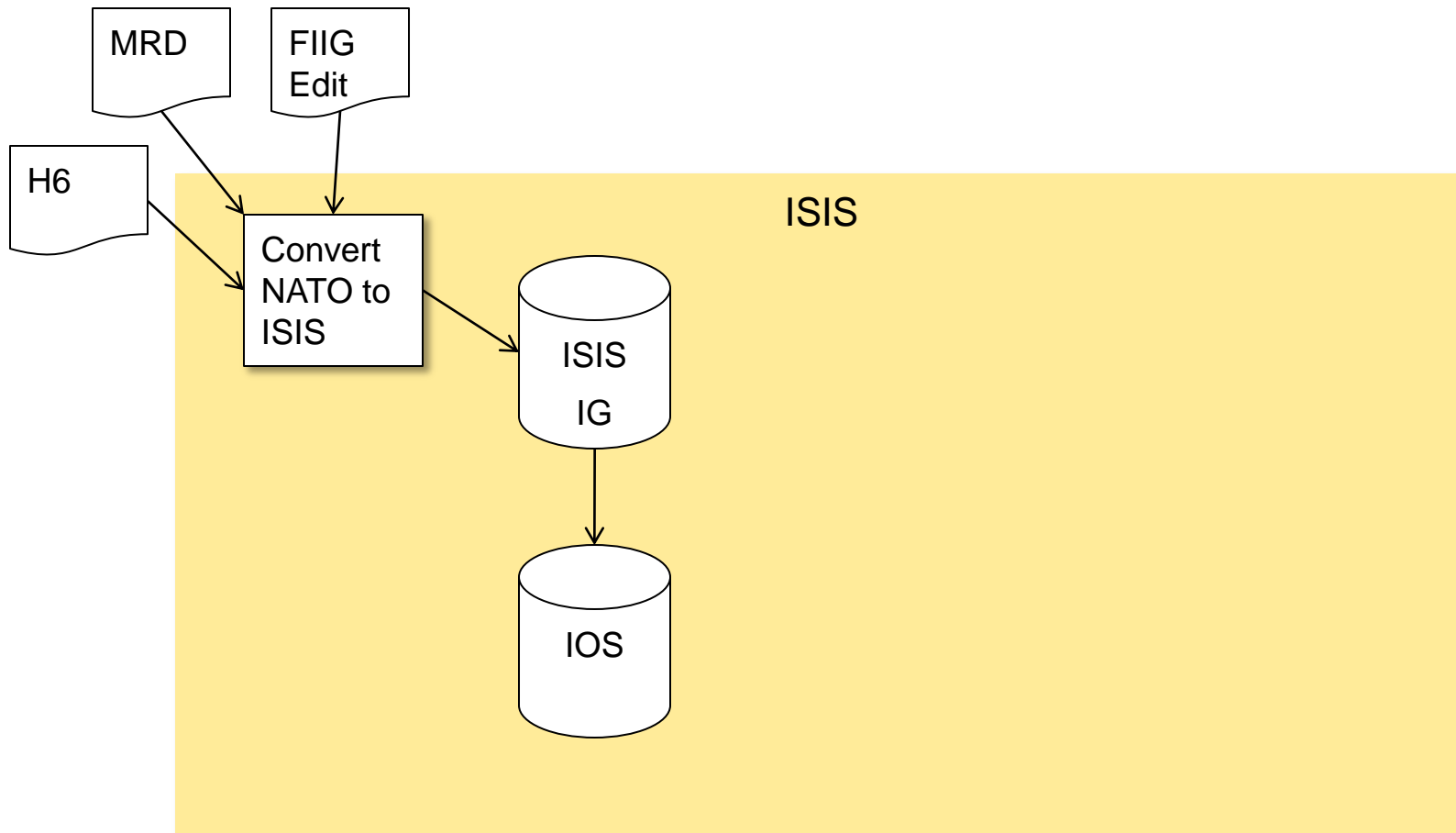
- No of items for various codification projects for financial year 09/10

Project	Total	Type 1	Type 4	Type 2
Total ISIS Live items	2,628,151	459,178 (17%)	1,669,549 (65%)	459,424 (18%)
Sentry	351	35 (10%)	270 (77%)	46 (13%)
Protected Mobility Group	4669	674 (14%)	3032 (65%)	962 (21%)
Typhoon	199	32 (16%)	142 (72%)	25 (12%)
Jackal	377	161 (42%)	210 (57%)	7 (1%)
Terrier SSC III	380	173 (46%)	207 (54%)	0 (0%)
Terrier excluding screen-outs	160	151 (58%)	109 (42%)	0 (0%)

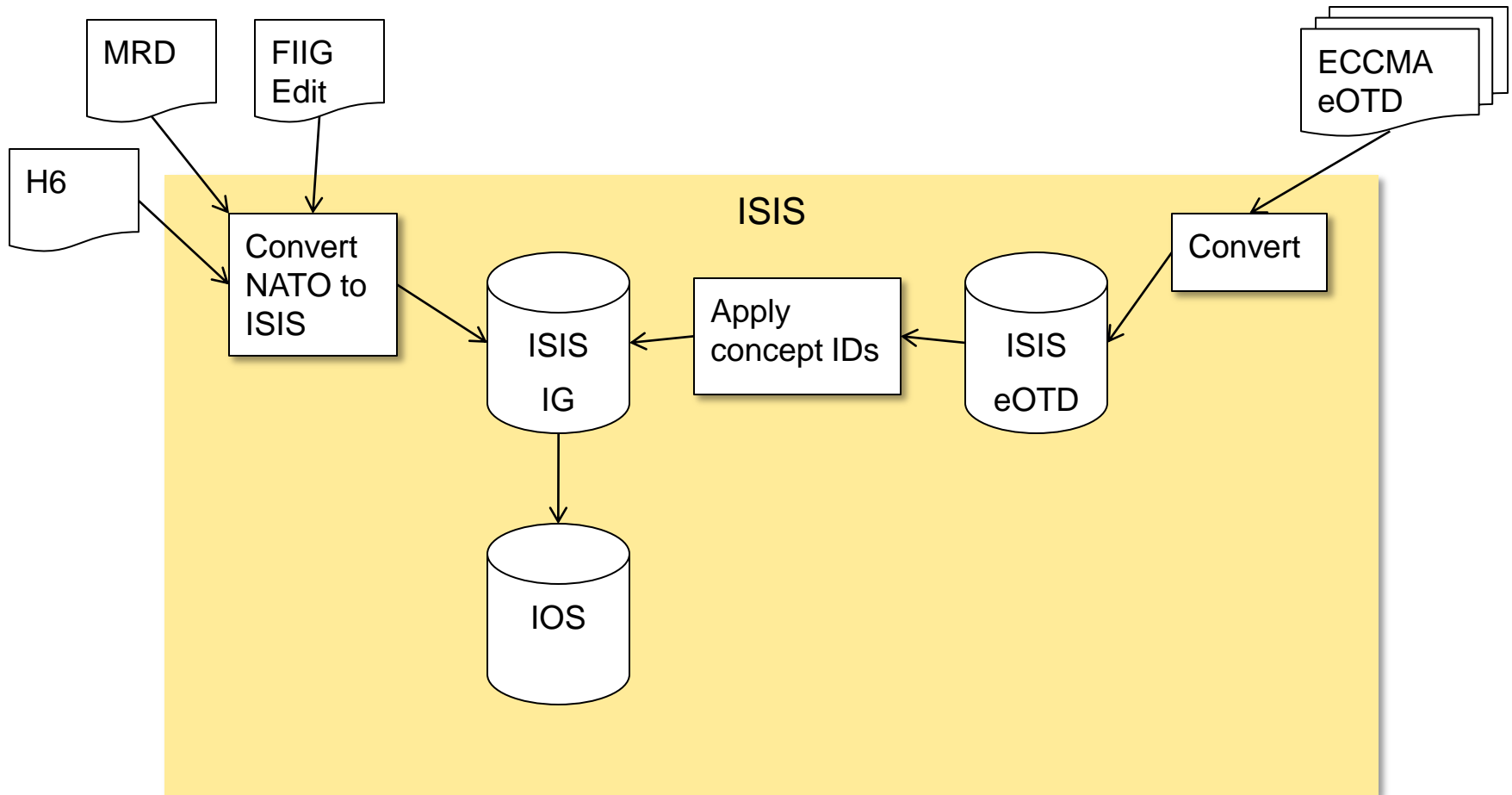
SSC Phase III – Further observations

- Overall timescales not impacted
 - Currently a shift in effort from NCB to supplier
 - Time taken for NCB part of process greatly reduced from 50mins to 10mins
 - Supplier could realise similar saving if ISO 22745 & 8000 implemented
- Improvement in quality
 - Average number of answered properties on ISIS: 5
 - Average number of answered properties for SSC III: 17
- Availability of web-based services
 - Anyone can take advantage of these to import q-xml and generate r-xml
- Full Analysis and potential Cost Benefit available soon

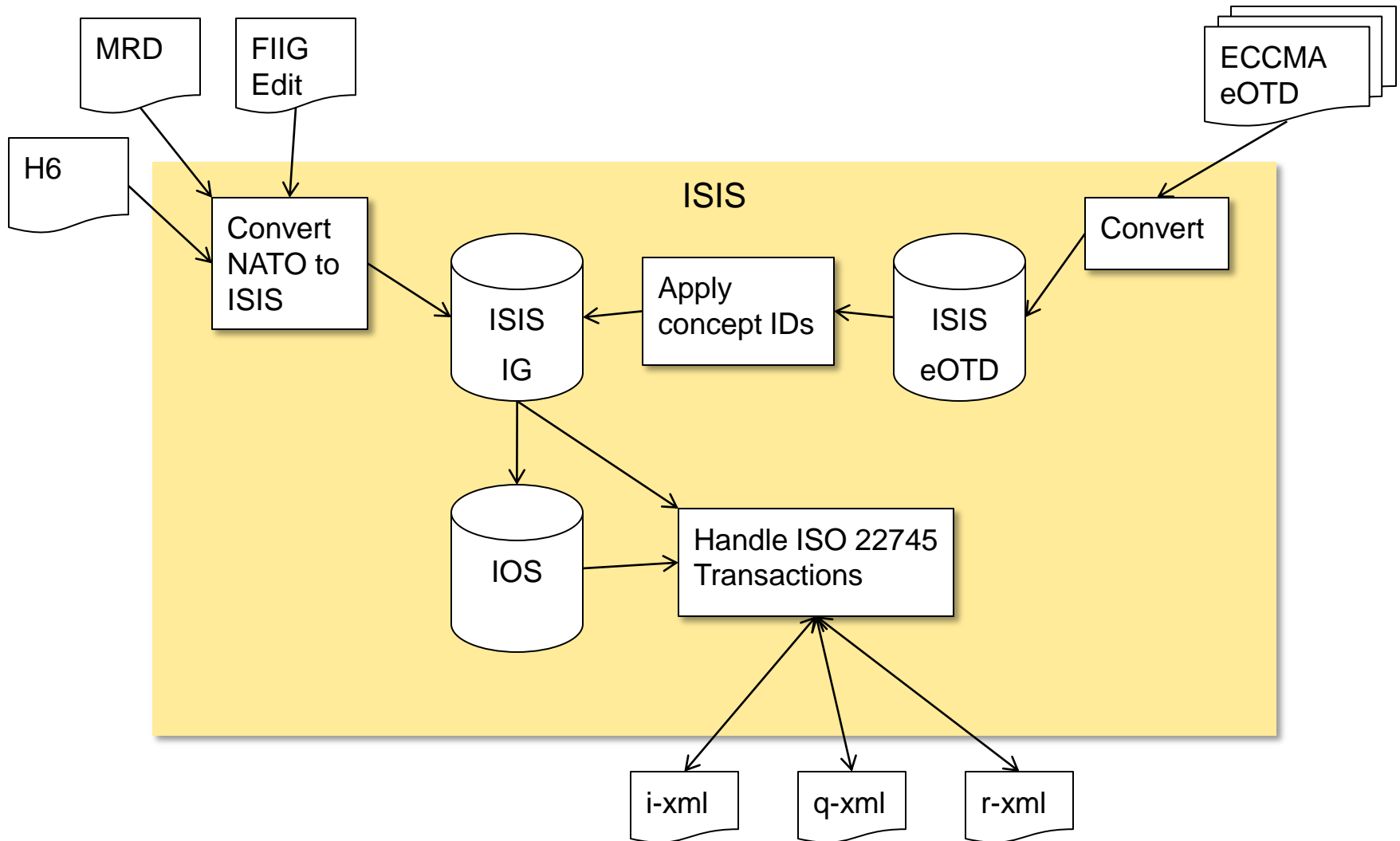
ISO 22745 – ISIS Modifications



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ISO 22745 – ISIS Modifications

- Codification
 - Generate q-xml from reference information (reference / NCAGE) during IOS creation / amendment
 - Generate ad-hoc q-xml for any INC/NCAGE/Reference
 - Import r-xml into codification work – populate characteristics data
 - Generate i-xml for any NATO INC
- Manufacturers Interface
 - Import q-xml
 - Provide values for properties & generate r-xml
- Transactions
 - Codifiers can view their q-xml transactions and view corresponding r-xml completed by manufacturers
 - Manufacturers can see q-xml generated for their NCAGE and provide the r-xml