

Bringing Industry Together

GS1 Global Forum – Defence Workshop

GDSN Pilot in Australia

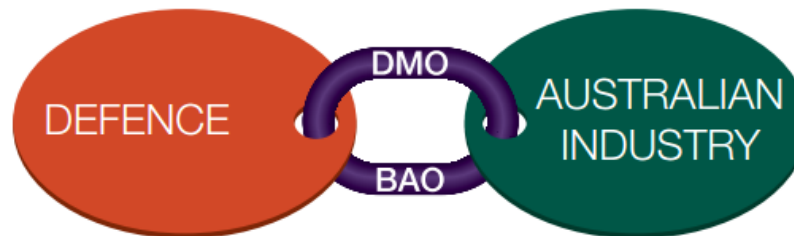
Marcel Sieira

General Manager – Industry Engagement

ABOUT THE DEFENCE MATERIEL ORGANISATION

- The DMO buys and maintains equipment for the Australian Defence Force (ADF).
- The DMO's first priority is to provide equipment & support for ADF units deployed on operations.
- On Defence's behalf, the DMO also manages one of the largest holdings of physical assets and inventory in the country.
- With budget of \$9.7 billion in 2013–14, the DMO is managing over 180 major capital equipment projects and over 70 minor projects; it also sustains and upgrades over 100 existing fleets.
- The DMO signs approximately 2,500 contracts of \$100,000 or more a year.
- The DMO's relationships with industry suppliers are critical to performance. Managing contracts is one of the key challenges for the DMO.

DMO BUSINESS ACCESS OFFICES



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Australian Government
Department of Defence
Defence Materiel Organisation

DOD ENGAGEMENT IN AUSTRALIA

- **1999** – Initial implementation of EAN•UCC numbering & barcoding
- **1999/2003** – Supplier compliance audits
- **2004** – Business Case for EAN•UCC Standards (inc EPC/RFID) in DoD Procurement & Logistics Policy
- **2004** – Initial pilot for Data Synch EANnet (pre-GDSN)
- **2005** – Consultation on Policy Directives for Automatic ID Technology
- **2006** – Review of HMAS Waterhen Minehunter Operations
- **2009** – Strategic Reform Program Whitepaper released
- **2010** – **GS1net & NPC Gap Analysis and Pilot Project**
- **2011** – DoD Industry Guidelines for GS1 Standards
- **2013** – Review of Defence Product Barcoding and Packaging
- **2014** – GDSN Pilot Project via AC/135



GS1NET / NPC GAP ANALYSIS & PILOT

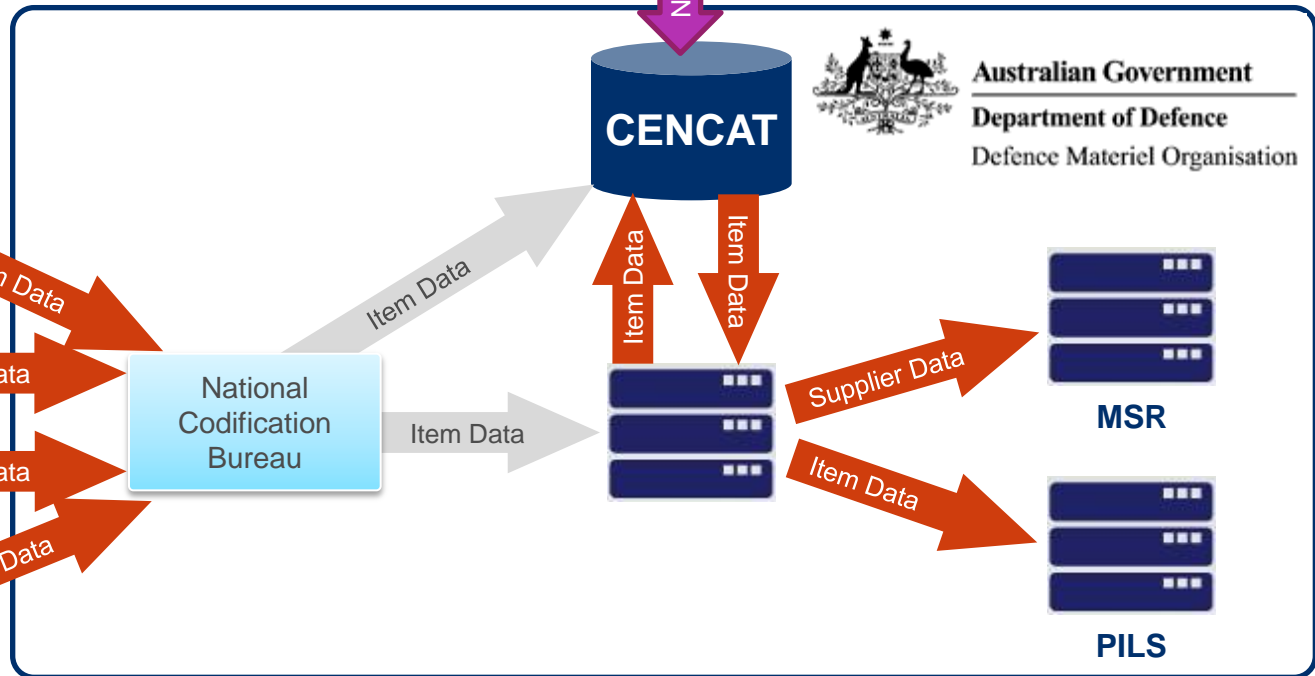
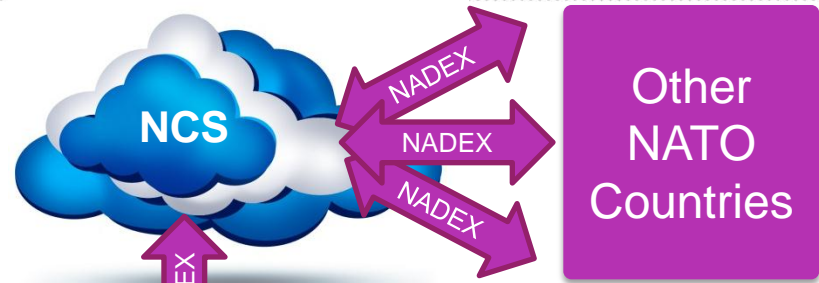
- To determine how GS1net / NPC could be by DMO
- GS1 Australia conducted an analysis of Defence systems including:
 - **The Master Supplier Registry (MSR)**
 - Central registry for all approved DMO suppliers (Gap Analysis with GS1 Locatenet – GS1 AU GLN Registry)
 - **The Military Integrated Logistics Information System (MILIS)**
 - MILIS is a single logistic information system to enable end-to-end management of Defence's integrated supply chain
 - **Pharmacy Integrated Logistics System (PILS)**
 - Used manage all pharmaceutical and medical supplies across the ADF's pharmacies
 - **CENCAT**
 - Used for NATO cataloguing and codification



RELEVANCE OF CENCAT



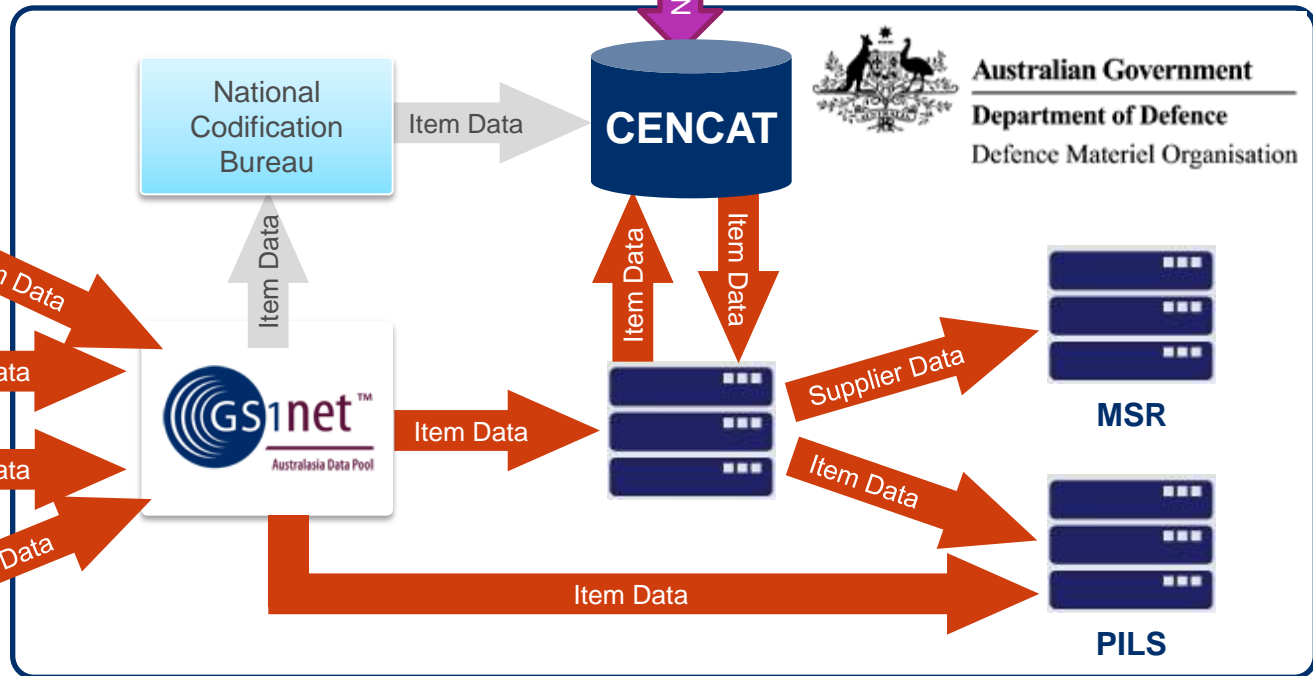
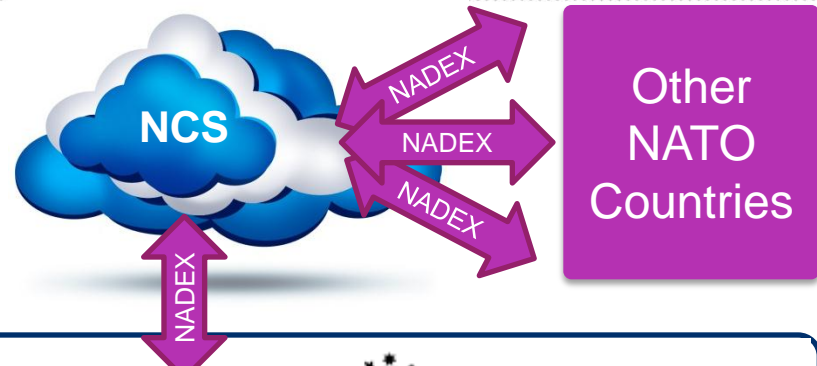
NCS = NATO Codification System
NADEX = NATO Data Exchange



RELEVANCE OF CENCAT



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GAP ANALYSIS RESULTS (CENCAT)

Gap Analysis – Data Attributes

✓ 9 CENCAT data fields were an exact match

- Name of equipment, Item Definition Text, Item Procurement Description, Reference Number, Logistics, and Type or Mode PLUS optionally UNSPSC Code, Currency Code, Unit Price and Attachment Flag

✓ 25 CENCAT data fields were a partial match requirement mapping in format and code values

X21 CENCAT data fields were available (at the time)

Outcome = The analysis revealed that information required for NATO Codification purposes is available in GS1net.



GAP ANALYSIS RESULTS (CENCAT)

Gap Analysis - Codified Suppliers

- A mapping between UNSPSC Codes used in GS1net and NSG/NSC was developed in order to identify relevant product categories for analysis.
- The analysis revealed that 204 Defence codified suppliers are currently GS1net / NPC registered users. The suppliers are principally in the categories:
 - 65 Medical, Dental, and Veterinary Equipment and Supplies
 - 53 Hardware and Abrasives
 - 68 Chemical and Chemical Products
 - 75 Office Supplies and Devices
 - 62 Lighting Fixtures and Lamps
 - 51 Hand tools



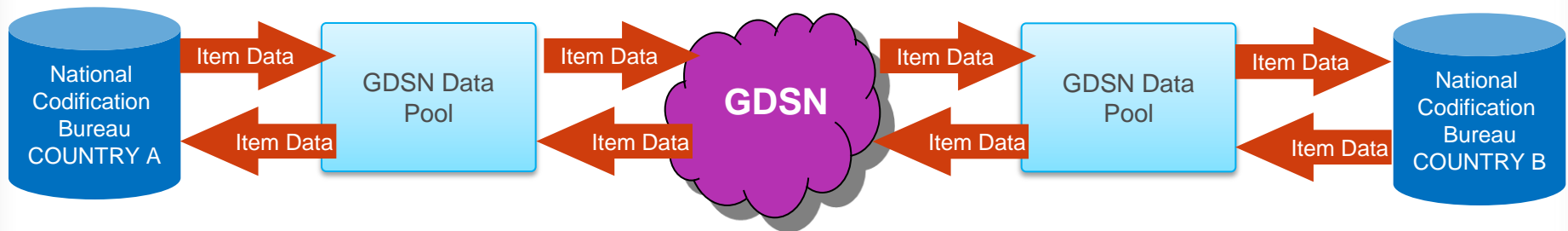


NATO AC/135 AND GDSN PILOT

- NATO Group of National Directors on Codification (AC/135)
 - Custodians of NATO Codification System
 - MOU with NPSA for the provision of technical and admin support
 - Australian participation in AC/135 = shared findings and recommendations of Australian study
 - Discussions between NSPA & GS1 lead to GDSN pilot proposal:
 1. Determine the range of data that could be exchanged = to define with more precision the crossover between GDSN and NCS data and develop a list of commodities that comprise the crossover.
 2. Create a protocol for automated data exchange between GDSN and the NCS and then create and generate 100 transaction requests for data from each database across a representative cross section of commodities.



HOW COULD THE PILOT LOOK LIKE?



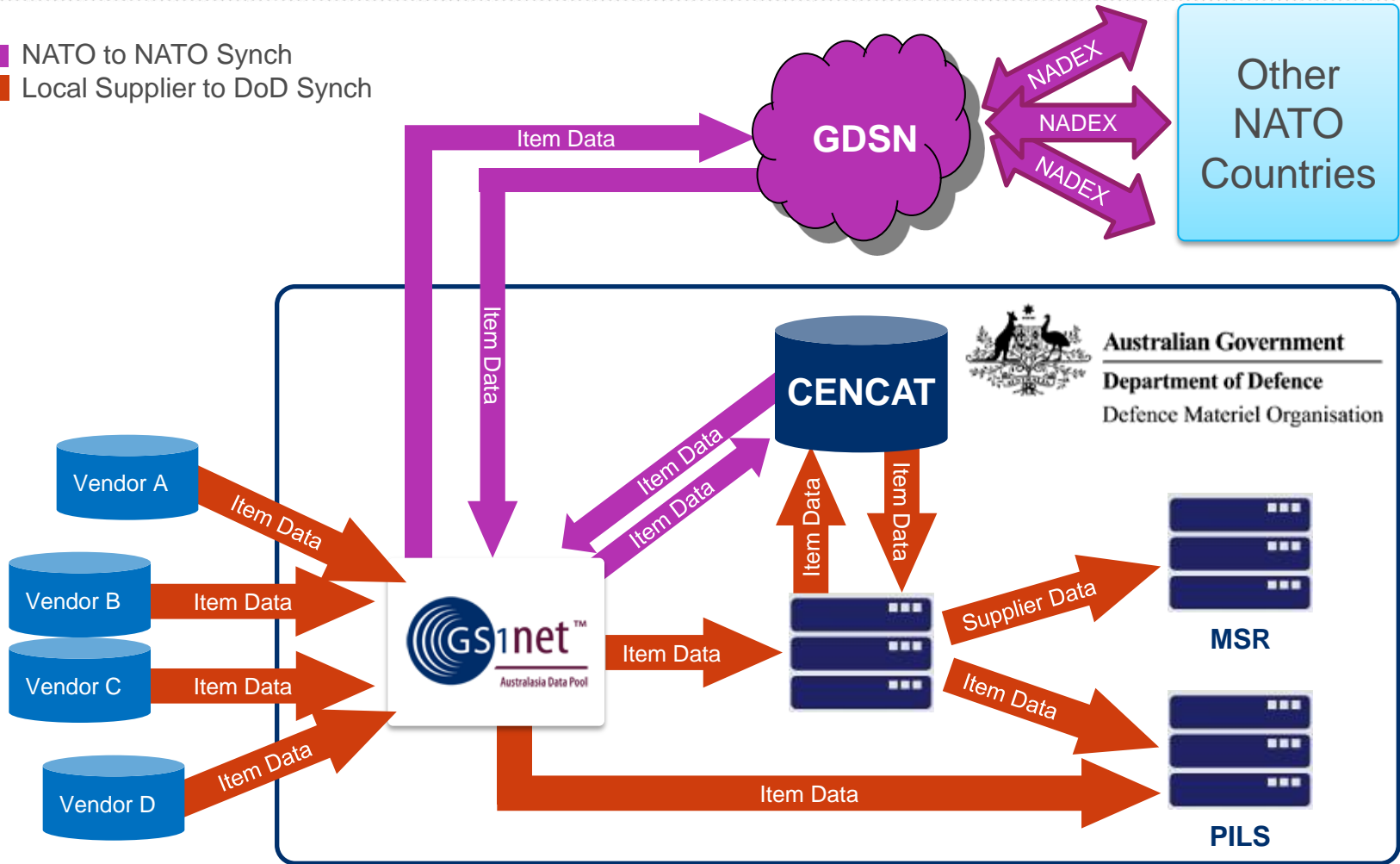
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POTENTIAL AFTER THE PILOT?



█ NATO to NATO Synch
█ Local Supplier to DoD Synch



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Thank you!



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