

# Defence IT 2011

Programme day two – Thursday 14 April 2011

## Codification – Important New Developments Drive Business and Operational Benefits for MOD and Industry

The UK National Codification Bureau presents 3 Workshops to debate key developments

**A recent Spares Diagnostic study into supply chain in Afghanistan has highlighted the importance of Codification to ensure high supply chain performance. Defence IT will feature a parallel stream on Day 2 (Thursday 14<sup>th</sup> April) to investigate three aspects of this work.**

### Workshop 1

#### Improved Data Quality Through Contracting to Global Standards

09.30	<p>The NATO Codification community have been working for several years now on improving the way we gather the data needed to support the introduction and in service support of an item in Defence. The Codification System has been developing for over 50 years and is extremely robust and efficient in the unique identification of any item imaginable. With over 18 million live NATO Stock Numbers (NSNs) in use today, if the military want it, we can catalogue it.</p> <p>The problem has never been with the capability of the codification system, the problem has always been in the quality of data we get access to drive it. This has in the past been a self generating problem, as the NCS has never proactively set out a statement of requirement on what we need in terms of data, until now!</p> <p>With effect June 2011, anyone using ASD 2000M or contracting to supply an item for military use in the UK, will be required to supply data in accordance with ISO 8000 Pt 110. This workshop will give a detailed brief on exactly what that means and what will be required to meet that contract clause when supplying to Defence. There will also be a demonstration of the tools that DE &amp; S Support Chain Management (SCM) UK NCB will make available free of charge in order to meet that requirement.</p>
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### Workshop 2

#### Bridging The Gap Between Defence and Industry – “Smart Step Codification”

11.45	<p>As we strive towards improving the way Defence and Industry exchange data, with the ultimate aim to automate as much as possible those exchanges, there is a simple and yet daunting barrier in place. We don't speak the same language! Instead of an idiot resistance policeman in war torn France not quite getting the lingo or Ronnie Barker struggling to get his Handle for Fork, its our business systems that cant communicate. This prevents easy automated exchanges and requires the resolution of two key problems before we can successfully bridge the gap:</p> <p style="padding-left: 40px;">The designation of a machine readable encoding</p> <p style="padding-left: 40px;">The alignment of the differing Ontologys that Defence and Industry use.</p> <p>This workshop will focus on the Smart Step Codification work which the codification community have been carrying out based on ISO 22745. There will be a detailed brief on the two stages required to align our ontology's, and a demonstration of the software in action. This initiative is a natural progression of the ISO 8000 work and in time may appear as future contract inclusion targeting OEMs with large transactions levels with Defence.</p>
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### Workshop 3

#### Bringing It All Together - Item Introduction via NATO Codification Enables Supply Chain Control

14.15	<p>The previous two workshops have focused on how the harvesting of data in support of Defence will be improved taking advantage of common commercial standards and modern IT driven exchanges. This workshop will focus on how the data gathered enters the Defence Supply Chain and is driven down onto the supply and demand systems available to logisticians and war fighters to control the flow of kit to and from theatres of operation. NATO Codification is the initial entry point for data supporting the Stores, Demand and Engineering systems across UK Defence. The Data Quality control methods initiated by the codification process facilitate the cleansing and ratification work streams essential as we move forward with the FLIS Programme. This workshop will focus on the electronic Supply Management Data (eSMD) project currently automating item record creation on the Stores Systems. This workshop will also give delegates a chance to be briefed on current initiatives in support of UORs and the processes now in place to deal with non codified items received in Theatre.</p>
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**The Workshops will be presented by the UK National Codification Bureau supported by Industry Primes, MOD Project Teams and international subject matter experts.**