

N-CORE NG

The leading NATO codification solution worldwide



n-core
NATO Codification System Repository

Item Details: Switch/Actuator

Item Name: SWITCH/ACTUATOR

Reference Data (2 Items)

| Reference Number | NCAGE | F | C | V | D | AA | B | J | Documentation |
|------------------|-------|---|---|---|----|----|---|---|----------------|
| BC112-1242XM | 1242X | A | S | 2 | 30 | B | | | Item (0 Items) |
| BC112-1242XM | 1242X | A | S | 2 | 30 | B | | | Item (0 Items) |

STYLE DESIGNATOR

Characteristics (21 Items)

| NAME | Requirement | Item Name | Clearout Reply | Coded Reply |
|-------|--|--|---|--------------------------|
| NAME | Requirement | ITEM NAME | SWITCH/ACTUATOR | D0134 |
| CSCF | TERMINAL TYPE | TERMINAL TYPE | SCREW | D400 |
| QV3 | MOUNTING FACILITY PATTERN | MOUNTING FACILITY PATTERN | SINGLE MOUNTING FACILITY TWO POSITION IN-LINE | 120BL |
| ABVY | MOUNTING METHOD | MOUNTING METHOD | 1ST MOUNTING FACILITY | 1A0ABC#A0Y130ABB |
| CRS3 | THROW QUANTITY | THROW QUANTITY | SINGLE SECTION PERIPHERY 2 | 22CA |
| APX4 | SHAFT TYPE | SHAFT TYPE | SINGLE ACTUATOR ROUND | 120DR |
| CSLC | SWITCH ACTUATOR POSITIONING INCREMENT | SWITCH ACTUATOR POSITIONING INCREMENT | SINGLE SECTION PERIPHERY 3 | 22CAL |
| CSHW | CONTACT SWITCHING ACTION | CONTACT SWITCHING ACTION | SINGLE ACTUATOR 90.0 DEGREES BEFORE MAKE | 120DR.0 |
| ABPH | OVERALL LENGTH | OVERALL LENGTH | SINGLE SECTION PERIPHERY BREAK'S | 22CC0 |
| APDS | LONGEST HORIZONTAL DISTANCE BETWEEN MOUNTING CENTERS | LONGEST HORIZONTAL DISTANCE BETWEEN MOUNTING CENTERS | 90.0 MILLIMETERS NOMINAL | 2AAB.0 |
| APSH | INDIVIDUAL SECTION QUANTITY | INDIVIDUAL SECTION QUANTITY | SINGLE MOUNTING FACILITY 66.0 MILLIMETERS NOMINAL | 120AA.0 |
| CSM3 | CONTACT VOLTAGE RATING IN VOLTS | CONTACT VOLTAGE RATING IN VOLTS | 1 | A1 |
| CRJ3 | SWITCH ACTUATOR INDENTING POSITION QUANTITY | SWITCH ACTUATOR INDENTING POSITION QUANTITY | AC AT SEA LEVEL 440.0V | 2A88440#PCQW288B10.0 |
| CTV3 | CONTACT LOAD CURRENT RATING | CONTACT LOAD CURRENT RATING | SINGLE ACTUATOR 2 | 1A42 |
| ABWV | SHAFT DIAMETER | SHAFT DIAMETER | AC AT SEA LEVEL 16.0 AMPERES RESISTIVE LOAD 4 | 2A81A610.0#CTH288JAB10.0 |
| AZEE | SWITCH CONTACT BASIC DESIGN | SWITCH CONTACT BASIC DESIGN | SINGLE ACTUATOR 3.8 MILLIMETERS NOMINAL | 120AA.0 |
| ABWV | OVERALL HEIGHT | OVERALL HEIGHT | NONPILE-UP SYMMETRICAL | DC |
| STYL | STYLE DESIGNATOR | STYLE DESIGNATOR | 50.0 MILLIMETERS NOMINAL | 2AAB.0 |
| IC86L | FEATURES PROVIDED | FEATURES PROVIDED | 3 TAP, CIRCUIT SELECTOR | L1 |
| ARMK | OVERALL WIDTH | OVERALL WIDTH | ACTUATOR KNOB | D400 |
| | | | 74.0 MILLIMETERS NOMINAL | R4T4.0 |

TAP, CIRCUIT SELECTOR

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N-CORE NG is an intelligent, powerful solution for codification based on the rules and procedures of the NATO Codification System (NCS).

It is the leading software solution for National Codification Bureaus for the codification and cataloguing of material for national and international armed forces and the public sector. N-CORE NG is used by numerous NATO, TIER 2 and TIER 1 countries.

Using N-CORE NG significantly improves the quality, productivity and cost-effectiveness of the material codification process. Material manufacturers (military and civil) can also use the system's web interface to participate in the codification process.

Highlights

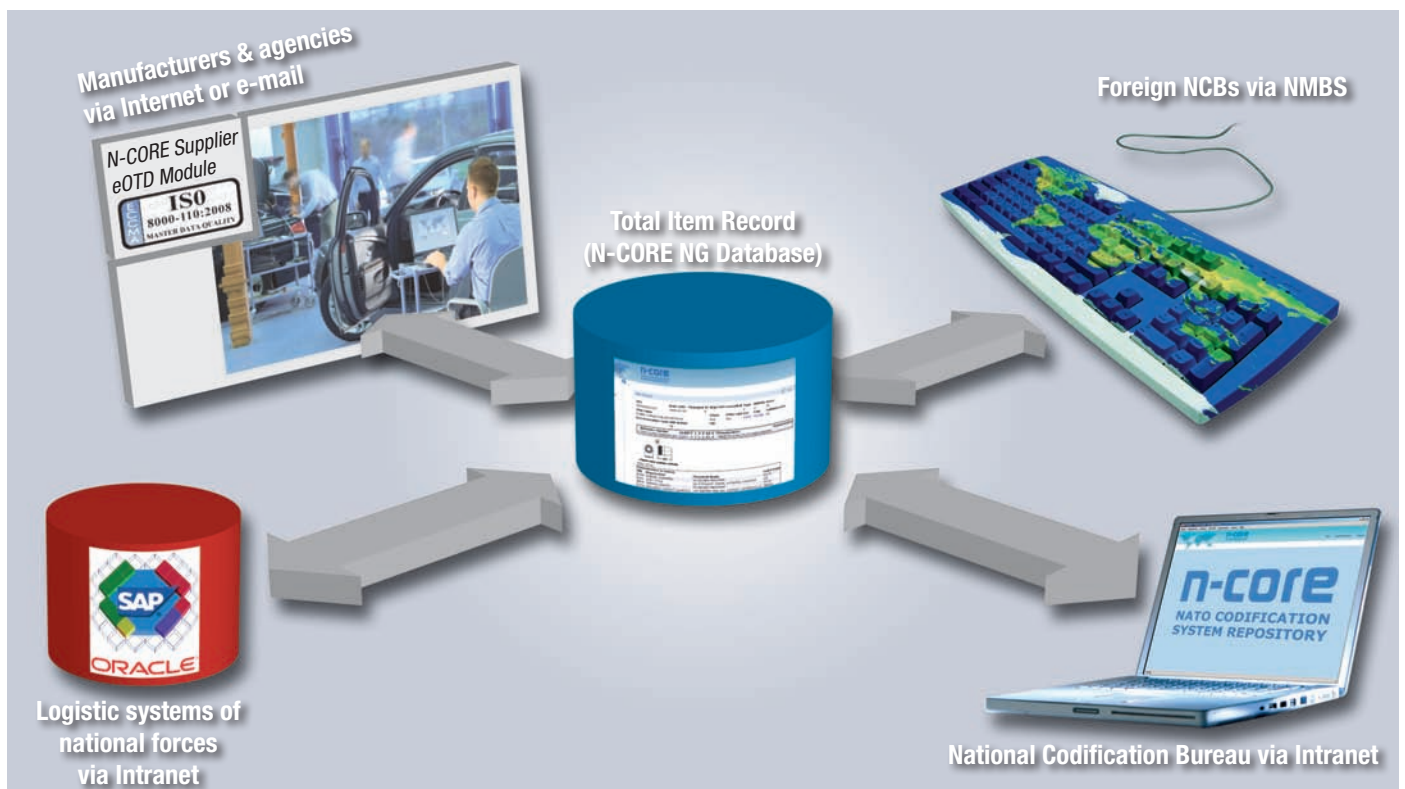
- ▶ Standardised, best practice, "end-to-end" processes
- ▶ Centralised database
- ▶ Powerful search functionality for fast and user-oriented provision of NSN data
- ▶ Various standard interfaces available e.g. certified SAP interface
- ▶ Support of mass change processes
- ▶ Automatic and expert system
- ▶ Multilingual user interface and data

CUSTOMER BENEFITS

- ▶ Better codification results
- ▶ Reduced (routine) workload
- ▶ Time savings due to standardised processes
- ▶ Increased productivity
- ▶ Benefit from the experience of 15 user countries and over 12 years of successful codification projects

User Friendliness

N-CORE NG is a web-based information system with a process-driven, ergonomic user interface. The system is easily customisable for special user requirements. The integrated business intelligence helps to prevent errors and the workflow module helps to control the work balance. Due to its ease of use, N-CORE NG users only require a short training session and the system can quickly be used even by less experienced employees with little IT knowledge.



N-CORE NG Modules

Certified SAP Interface

N-CORE NG is the only codification solution with a certified interface to SAP R/3.



ASD SPEC 2000M

The ASD module enables the codification system to be connected with the logistic chain in another way at a very early stage. It offers a SPEC 2000M compliant interface for data exchange with industry for their codification matters. In addition, dialogues are available to help manage codification projects for all equipment. These dialogues assist in identifying all items of supply which are used in one specific piece of equipment.

Private Key Infrastructure (PKI)

The PKI module increases the system's security level by providing certificates and single sign-on functionalities for system login. This is particularly useful if the system is to be made available to manufacturers via Internet.

Workflow

The implemented workflow module was developed for large NCBs which need to organise their workload by special criteria. It enables the design of individual workflows with a graphical user interface and definition of several rules for each workflow step.

Management & Key Performance Indicator Reports

Standard and customised NCS management reports and Key Performance Indicator reports are available to measure the efficiency of the NCS globally and also that of the codification processes in individual countries and organisations, thus supporting management decisions.

eOTD for suppliers with integration into the codification process

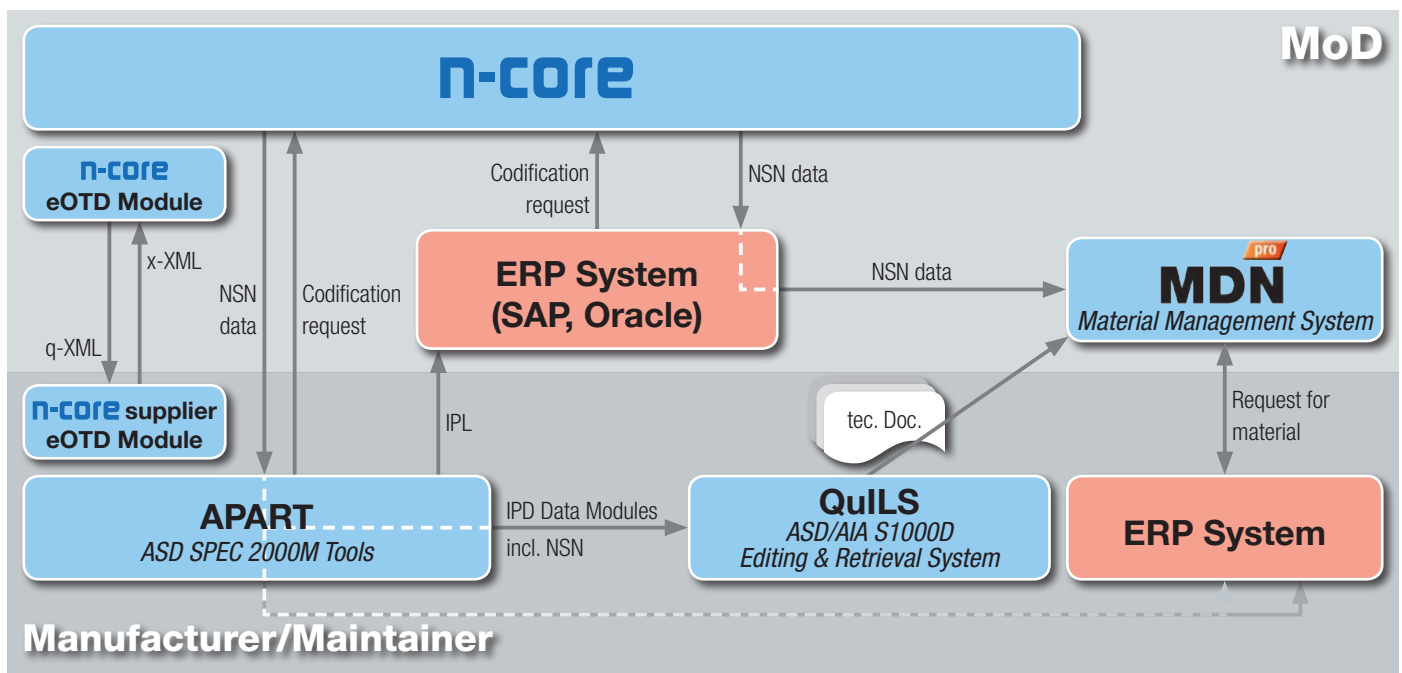
Improve the data quality of data exchange with industry by using the ISO 22745 compliant eOTD module. Reduce the workload for codification at NCBs.

Interfaces to legacy systems

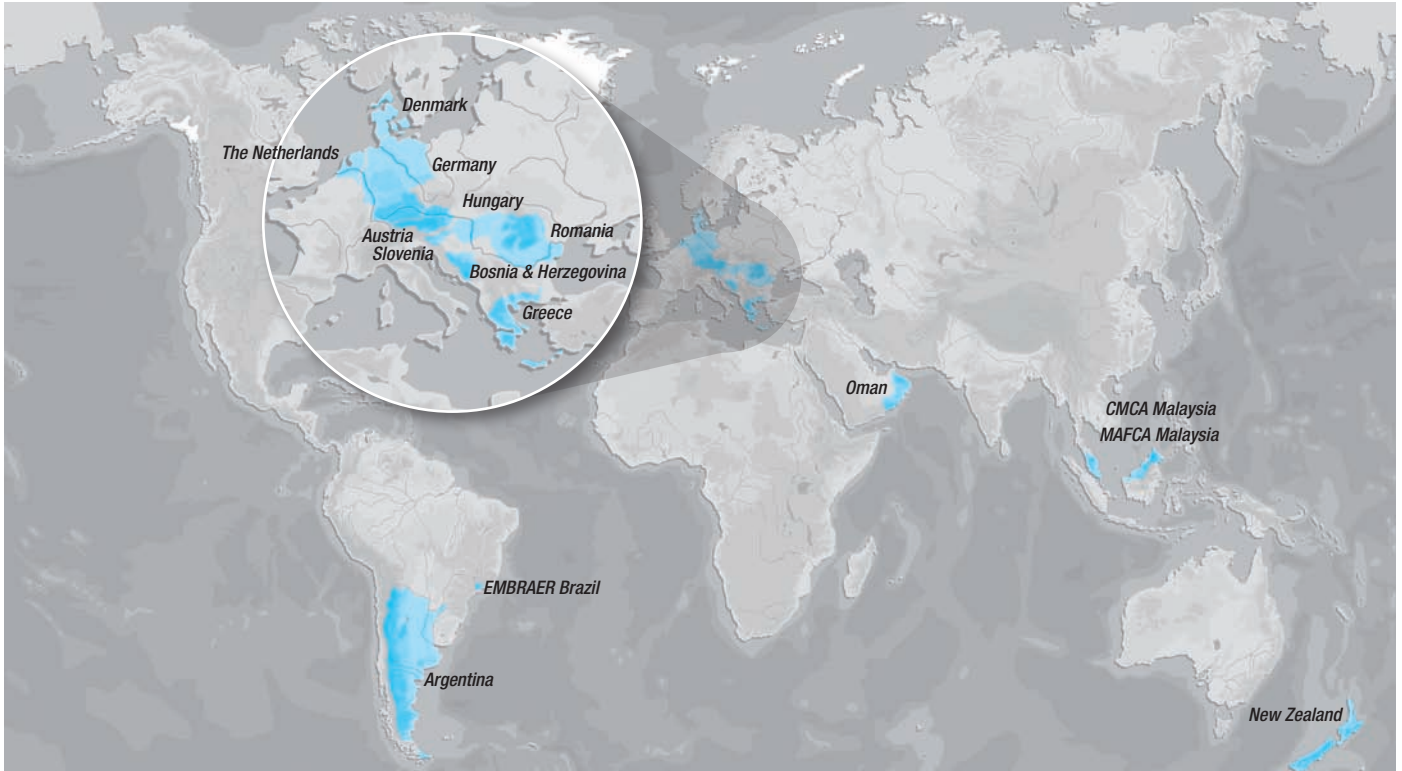
Connect N-CORE NG to a legacy system with one of the customisable interfaces: at database level with batch and/or EJB interface or for different data formats (XML, CSV etc.).

The Logistic Process Chain with N-CORE NG and other ESG Solutions

N-CORE NG is just one of ESG's solutions that supports processes in the logistic chain. We also offer ASD SPEC 2000M tools, ASD/AIA S1000D editing and retrieval systems and IT solutions for material management.



N-CORE NG Customers Worldwide



Architecture

- ▶ Web-based 4 TIER architecture
- ▶ J2EE-based modular software design
- ▶ Scalable hardware sizing
- ▶ ORACLE database
- ▶ Suitable for Windows and Linux operating systems
- ▶ Text and XML-based interfaces

Data formats

- ▶ NADEX
- ▶ XML
- ▶ CSV
- ▶ MS EXCEL
- ▶ Plain text

System requirements

- ▶ Database server:
Windows 2003 or Linux,
Oracle 9i or higher
- ▶ Application/Web server:
Windows 2003 or Linux
JDK 6 (Sun)
- ▶ Client:
Web-Browser MS Internet
Explorer 6 or Mozilla Firefox 3

ESG SERVICES

ESG provides complete services for the entire lifecycle of IT systems and solutions:

- ▶ Technology and process consulting and project/programme management for codification projects
- ▶ System and software engineering, customising, system integration, testing and system introduction/rollout
- ▶ Training concepts, media and training realisation for N-CORE NG as well as for the NATO Codification System
- ▶ Hosting, infrastructure and IT operation services
- ▶ Software maintenance and lifecycle support
- ▶ Individual customer support: Each country has its own N-CORE NG country manager

For further information on N-CORE NG and our services, please visit our website: www.ncore.esg.eu

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