



Customs Movements Control Services Import Control System (ICS)

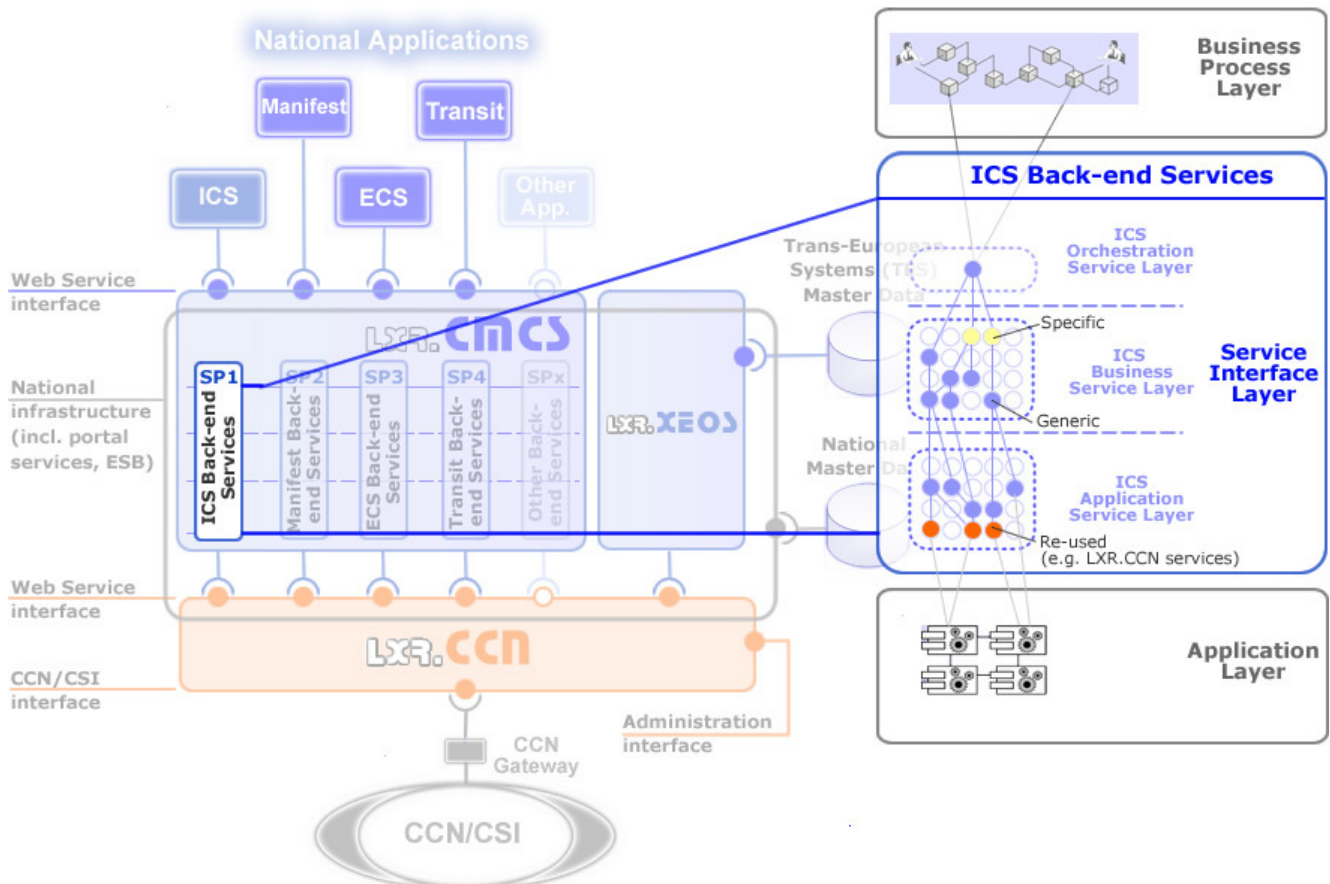
The **Import Control System (ICS)** particularly includes the exchange of electronic entry summary declarations and risk information based on Regulation (EC) N°648/2005 of the European Parliament and of the Council and Commission Regulation (EC) N°1875/2006 which contains its implementing provisions. ICS is also intended to offer additional services relating to the external domain in import clearance. These include dialogues between offices of import and entry, which will pave the way for the implementation of the centralized clearance concept, both under the current and the Modernized Customs Code (MCC).



LXR.CMCS SP1 – Architecture

According to SOA (Service Oriented Architecture) patterns, LXR.CMCS Service Pack 1 (SP1) provides the back-end services answering **Import Control System (ICS)** requirements. To ease the deployment and integration of those ICS back-end services within the national infrastructure (e.g. ESB) while offering the maximal **agility** to align the IT to business evolutions, the LXR.CMCS Service Pack 1 is organised around three distinct layers:

- **ICS Orchestration Service Layer** which flexibly orchestrates the various ICS business processes as part of a wider collaboration by all actors of the Import business.
- **ICS Business Service Layer** which implements the various services offering the required ICS functionality. Those services are decomposed into “task-centric” services specific to the ICS business and “entity-centric” services which may be re-used by other processes, knowing that (according to the adopted SOA patterns) all of those services are loosely-coupled, autonomous, stateless, discoverable, and re-composable. Optionally, task-centric services implementing specific national requirements may be added at integration time and related business processes making use of them be recomposed accordingly.
- **ICS Business Application Layer** which implements low-level utility services, which in general are shared by multiple back-end services. It may concern for example the services offered by LXR.CCN (multi-application software connector for CCN/CSI) to send / receive messages to / from CCN/CSI.



The LXR.CMCS Service Pack1 covers the following ICS Use Cases:

- **CO1A Process Entry Summary Declaration at Office of Lodgement:**
 - Validate and register ENS.
 - Perform common safety and security risk analysis.
 - Forward ENS data and common safety and security risk analysis results.
- **CO1B Process Entry Summary Declaration at Office of first Entry:**
 - Validate and register ENS.
 - Register forwarded ENS.
 - Perform common safety and security risk analysis.
 - Perform national risk analysis for goods to be unloaded.
 - Forward ENS data and common safety and security risk analysis results.
 - Validate and register amendment request.
- **CO1C Process Entry Summary Declaration at Office of subsequent Entry:**
 - Register ENS data and common safety and security risk analysis results.
 - Perform national risk analysis for goods to be unloaded.
- **CO1D International diversion at Office of first Entry:**
 - Validate and register diversion request at Office of first Entry.
 - Register forwarded diversion notification.
- **CO3A Presentation at Actual Office of first Entry:**
 - Process presentation at Actual Office of first Entry.
 - Handle declaration request Import.
 - Handle declaration response Import.
 - Perform national risk analysis for goods to be unloaded.
- **CO3B Presentation at Actual Office of subsequent Entry**
 - Process presentation at Actual Office of subsequent Entry.
 - Handle declaration request Import.
 - Handle declaration response Import.
 - Perform national risk analysis for goods to be unloaded.
- **CO3C Release for Entry at Actual Office of (first or subsequent) Entry:**
 - Decide to control.
 - Control the goods.
 - Record control results.



See also **LXR.CMCS** at:

<http://www.vivansa.com/public/index.php?id=138>



Simply because you need results.

Since its creation in 2001, Vivansa is active in the e-Customs field through its participation to large-scale projects launched by the European Commission (e.g. EMCS, CCN/GSI) in partnership with leading actors of the IT market and has gained the confidence of all involved stakeholders (EC, national Customs & Taxation authorities, economic operators) with respect to a shared vision for providing e-Customs solutions as well as trusted service provider. Vivansa places innovation at the heart of its development strategy and has demonstrated its ability to deliver turn-key business solutions that directly satisfy the customer's need in vertical markets (e.g. XSIZE™ business solution for EMCS, LXR.CCN™ multi-application software connector for CCN/GSI, LXR.XEOS™).

For more information please visit us at www.vivansa.com.

Contact Point

For more information, feel free to contact:

Mr. Vivien MONTI

Chief Sales Officer

vivien.monti@vivansa.com