



**THEME [GC.SST.2011.7.11]
E-freight solutions and supply chain management**



Collaborative Information Services for Container Management

e-Freight Next Generation Single Window (NGSW)

Authors: Yash Chadha (Inlecom)

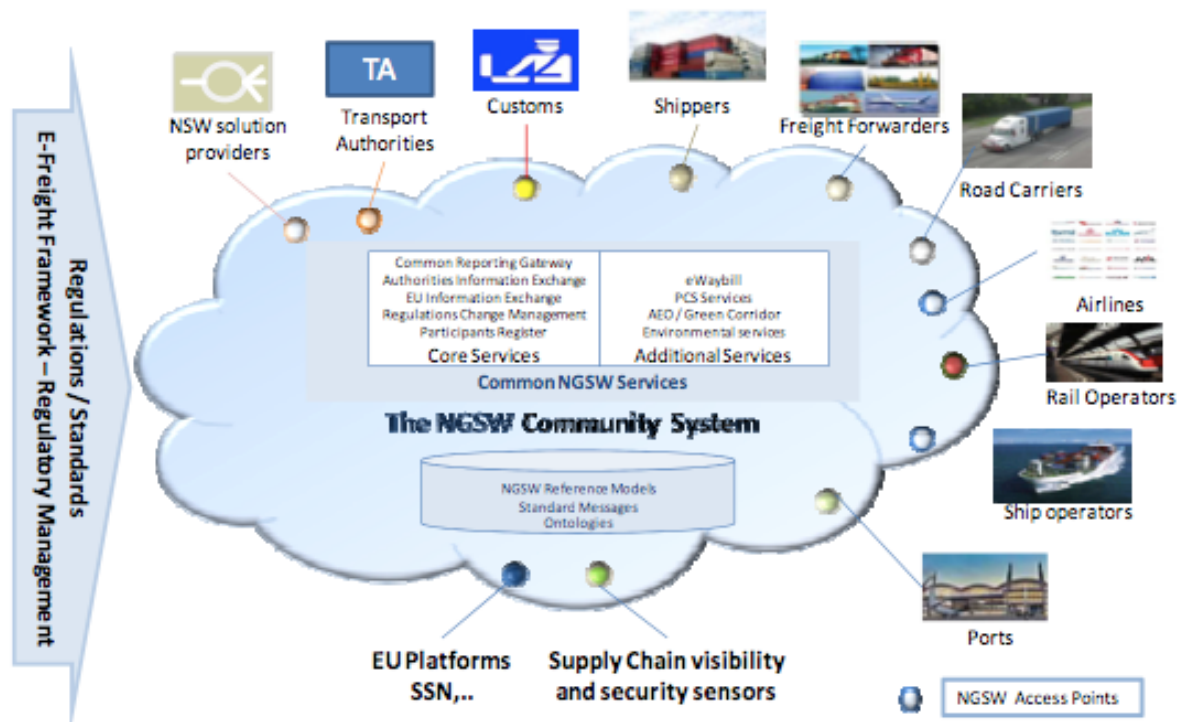
Date: 1st January 2014

1 The e-Freight 'Next Generation Single Window'

The e-Freight **Next Generation Single Window (NGSW)**¹ is aimed at providing a unified solution for regulatory information management associated with trade and transport at both National and EU levels allowing:

- Business to submit regulatory information for both trade (customs) and transport, independent of mode and transportation route, and
- Authorities to share information for policy implementation and particularly for the purpose of co-operation in security, safety and environmental risk management.

The NGSW Community System is shown in the following diagram:



The e-Freight NGSW Community System will provide an Internet based infrastructure (standards that the Community participants must comply with) for electronically connecting together and for sharing resources (data, knowledge, services) to improve the efficiency of compliance by businesses and regulation enforcement by authorities. The Community System will enable wide participation of different stakeholders, business and authorities, large and small companies, suppliers and users. It will stimulate both regulations harmonisation across regions and nations and convergence in use of best practices thus ultimately accelerating the realisation of the Single European Transport Area.

¹ <http://www.efreightproject.eu/knowledge/defaultinfo.aspx?topicid=173&index=2>.

About COMCIS

COMCIS was a two-year project to explore the possibilities and commercial viability of employing situational awareness tools to solve problems of data fragmentation, delay and inconsistency throughout the global supply chain. The project used the Common Framework supporting interoperability between ICT systems in logistics and deployed a three-layer architecture based on:

- 1) Aggregating data from multiple sources without requiring changes to the underlying IT systems;
- 2) Standardising data so that it could be processed by value-added services, independent of its original source and format;
- 3) Consolidating data to create on time, qualified and derived information that could support operational decisions by delivering the right information to the right person, at the right time, in a user-friendly way.

The COMCIS project ended in September 2013, but the ideas and technologies continue to be developed by the participants. COMCIS was co-funded by the European Commission.

For more information about COMCIS

Go to <http://www.comcis.eu> or contact:

Frank Knoors
Managing Director at Logit One NV (f.knoors@logit-one.com)

For more information about e-Freight NGSW

Contact:

Yash Chadha
Director of EU Projects and Business Development at Inlecom Systems Limited (yash@inlecom.com)