

IPCSA

**“The EDI interchange , advances
and challenges”**

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Critical Path - EDI

“EDI (Electronic Data Interchange) is the transfer of data from one electronic system to another without the need for human intervention”

- Electronic Exchange
- No need for physical signatures etc.
- Need translation from format to format
- Relatively simple if international standards used

Critical Path - Standards

The Maritime Industry use EDIFACT and the Air Industry use XML (IATA). However both have a common basis:

Core Component Library (UNCEFACT)

CCL is critical as everyone one is speaking the same basic language.

Message format – EDIFACT or XML (multiple XML standards not always compatible)

Example – Dangerous and Polluting Goods

- **PROTECT** group established a harmonised worldwide recognised EDI standard for the notification of dangerous goods. This standard is based on the IFTDGN (International Freight Transport Dangerous Goods Notification) UN/EDIFACT message, covering the information on the dangerous and/or polluting goods carried

IFTDGN Message Scenario:

- Harmonised vessel reporting requirements;
- A global trustworthy and recognised EDI standard for the worldwide shipping industry;
- To report to port or national authorities on dangerous goods or waste carried, and vessel security requirements by a vessel.



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