














The necessity to synchronise









What to know (and why) ...

-  To know why it is important to synchronise and coordinate, when implementing eBusiness,
-  To learn about the value of synchronisation in eBusiness
-  To be able to act strategically when implementing standards

Outline

-  Challenges
-  Value for companies, businesses
-  Value for systems, processes
-  The means to harmonise eBusiness solutions
-  Value for personnel
-  Managers' role
-  The purpose and benefit of standards
-  Standards in eBusiness







Challenges

-  Increasing connectivity of markets, economies, and ways of life across countries
-  Pace of change is fast and harmonisation could mean slowing down as cooperation simply takes time and effort
-  Standardisation is normally voluntary work for common good, it takes time and benefits also the competition
-  Harmonisation affects business situations and stakeholders with good market positions are afraid of such changes
-  Companies are different; some are very advanced in business processes and utilize modern tools while others are rather primitive
-  A company's partners differ in size, mentality, business practices etc.








TASK

1. List 3 tasks in your company that could benefit from being synchronised with other companies.







Value for companies, businesses

-  Support a company or value network to be more responsive to customers' needs
-  Increase productivity by elevating efficiency and effectiveness of processes and allow both management and staff to spend more time on core tasks
-  Give managers means of overseeing (and compare with competitors') processes used to run business operations
-  Make possible to have increased number of customers and to be able to serve all of them with high quality and still profitably
-  Make easier to implement new partnerships efficiently and with qualified processes
-  Make possible to achieve critical mass in solution usage, which is necessary in order to use ICT cost effectively and take advantage of economies of scale









Value for systems and processes

-  Improve the daily work processes and enable end-to-end “straight-through processing” by interconnecting data and procedures
-  Let systems and products work with other systems or products without special effort by a user
-  Eliminate redundant business processes and data replications
-  Avoid complex systems and unnecessary data conversions
-  Minimise errors inherent in manual processes
-  To have efficient business processes
-  Introduce mainstream enterprise “software-as-a-service” (enables companies to access remotely systems managed centrally by service providers)



Value for systems and processes ... cont.

-  Makes possible to access and analyse company data at any time from a range of perspectives, for example sorted according to customers, products, product groups or countries
-  Reduce the overall cost of gaining information
-  Encourage development of innovative Internet-based business processes
-  Strengthen security by eliminating gaps among proprietary software systems
-  Improve privacy by giving users complete control over their data
-  Enable real-time enterprise scenarios and forecasts




Value for personnel

-  The existence of the company is more secure and the company is able to reward better its personnel
-  People's jobs become easier
-  Everything is faster, less manual work, costs is reduced
-  Feed-back from customers and partners is more positive
-  There are fewer mistakes
-  Better and more real-time information is available
-  People can get rid of boring tasks
-  Less time on manual work offers opportunities to increase own knowledge, learn new skills and improve job prospective




Value for personnel ... cont.

-  Makes systems simpler and more homogenous, easier to learn
-  People understand better processes in work and even when systems are renewed they feel more confident

Managers' role








-  Be aware of trends, possibilities and development of eBusiness
-  Understand the benefits of harmonisation both within the company and value chains or value networks that are relevant to the company
-  They should also know the development within their business sector and be able to adapt the company's processes to that

The means to harmonise eBusiness solutions

-  Automatic Messaging - EDI, ebMS (ebXML)
-  Barcodes
-  Radio Frequency ID (RFID)



The benefits of standards

-  Simplicity in the process of making agreements between stakeholders
-  Support in coordination and implementation of complex tasks
-  Support in design
-  Support in communication, operations, control and revision
-  Support in managing operational and personal security
-  Enhancement in the accessibility of information
-  Credibility to solutions and businesses

A standard may be simply defined as an agreed way of doing something. It is a benchmark by which actual or projected performance can be measured.

The benefit of standards... cont.

...with the benefit of: ...

- Ease in business development
- Ease in coordination and management
- Streamlined and secure business processes

resulting in:

- More economic benefit to businesses and welfare of society

Standards in eBusiness

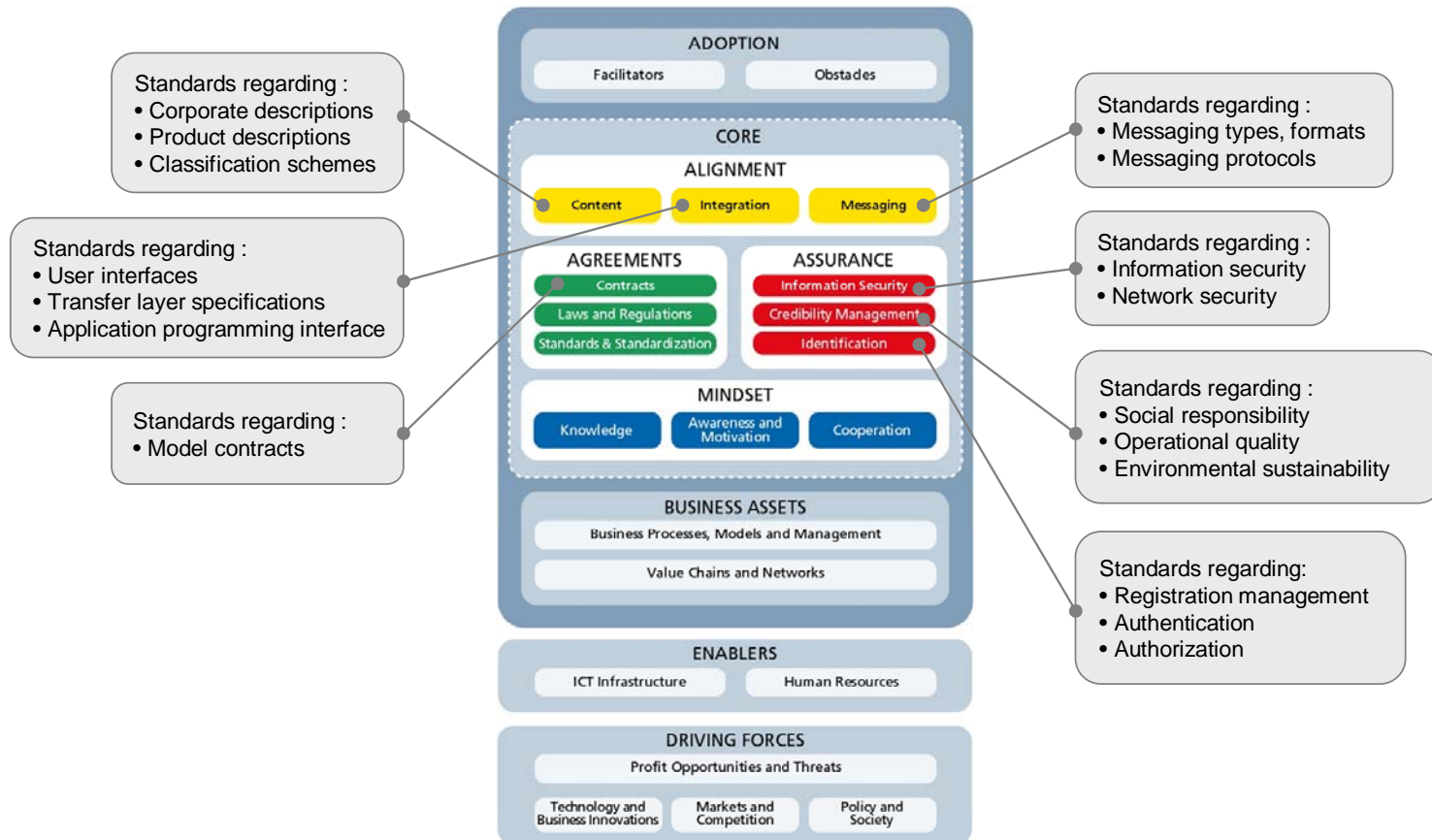
“In order to be able to reap the (full) benefits of eBusiness, a degree of harmonisation of business processes is required: companies are increasingly using information and communication technologies to link these processes. Not only internally, but also (and that’s where the real “eBusiness” comes in) with their suppliers, customers and for cooperation with business partners. This means that these parties must be able to read, and interpret correctly, each others’ data. Today, many systems cannot do this without special manual intervention or compatibility programmes. To overcome this efficiently requires seamless automatic cooperation, amongst others based on compatible standards for computer systems. This cooperation process is called interoperability; it is basically the single most important hurdle for business trying to use the internet for transactions.”

CEN/ISSS eBIF

eBUSINESS ROADMAP - addressing key eBusiness standards issues 2006-2008

Standards in eBusiness ... cont.

The eBCM and Standards



TASK

1. List the most important eBusiness standards used in your company and the ones you believe could benefit the company to use
2. Describe in brief how you would go about in implementing the new standards (i.e. involving the right people, introducing the benefit ..etc.)