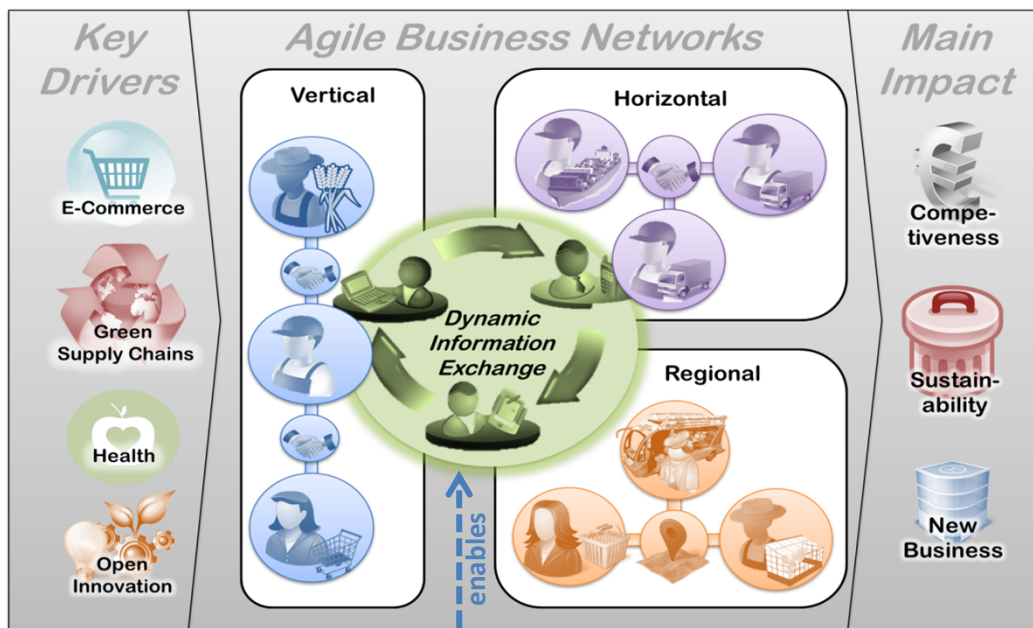




Enabling Agile Business Networks for Food and Flowers A Software Mass Customisation Approach

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Abstract - This paper assesses how the application of a mass customisation approach could meet the high demands on information systems in agile business networks in the food and flowers industry. The paper first describes the emergence of agile business networks in the food and flower domain and the resulting demands on information systems. Next, the paper introduces a mass customisation approach and defines requirements for mass customisable software. Finally, the paper presents a design of a Future Internet software platform for business to business collaboration, called FIspace². The FIspace platform is built up from several modules that meet the requirements for mass customisable software.



Software Mass Customization (MC)

- *Mass Customisation* relates the ability to provide customised products or services through flexible processes to the ability to produce in high volumes at reasonable costs (Da Silveira et al., 2001).
- *Software Mass Customisation* combines efficient standard software and flexible customised software. It enables customer-specific assembly of software systems from a repository of standard components with highly standardised interfaces (Verdouw et al., 2010).

Requirements Software MC	Related FIspace Modules
Information integration platform	B2B Collaboration Core, System & Data Integration, User Front-End, Security, Privacy & Trust, Operating Environment
Modular software	Software Development Toolkit , System & Data Integration,
Configuration support	B2B Collaboration Core, User Front-End
Component availability	App Store
Generic information model	B2B Collaboration Core, Software Development Toolkit

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