



# SYSTEM INFRASTRUCTURE



## **Purpose**

The purpose of this tool is to provide an overview of the IT systems that are relevant to the company's supply chain, i.e. everything from ERP systems to systems developed in Excel or Access. Furthermore, the purpose is to determine how the systems are used and to which extent they are integrated with other systems.

## **Participant(s)**

The project manager from the company's supply chain or IT department (depends on the purpose) and key employees from the company's supply chain.

## **Application**

The tool must be used continuously with periodic repetitions. Likewise, the tool should be used when initiating supply chain innovation projects.



## Method

First, the table on the following page has to be completed for each IT system. If the company has 25 IT systems, the result will be 25 tables.

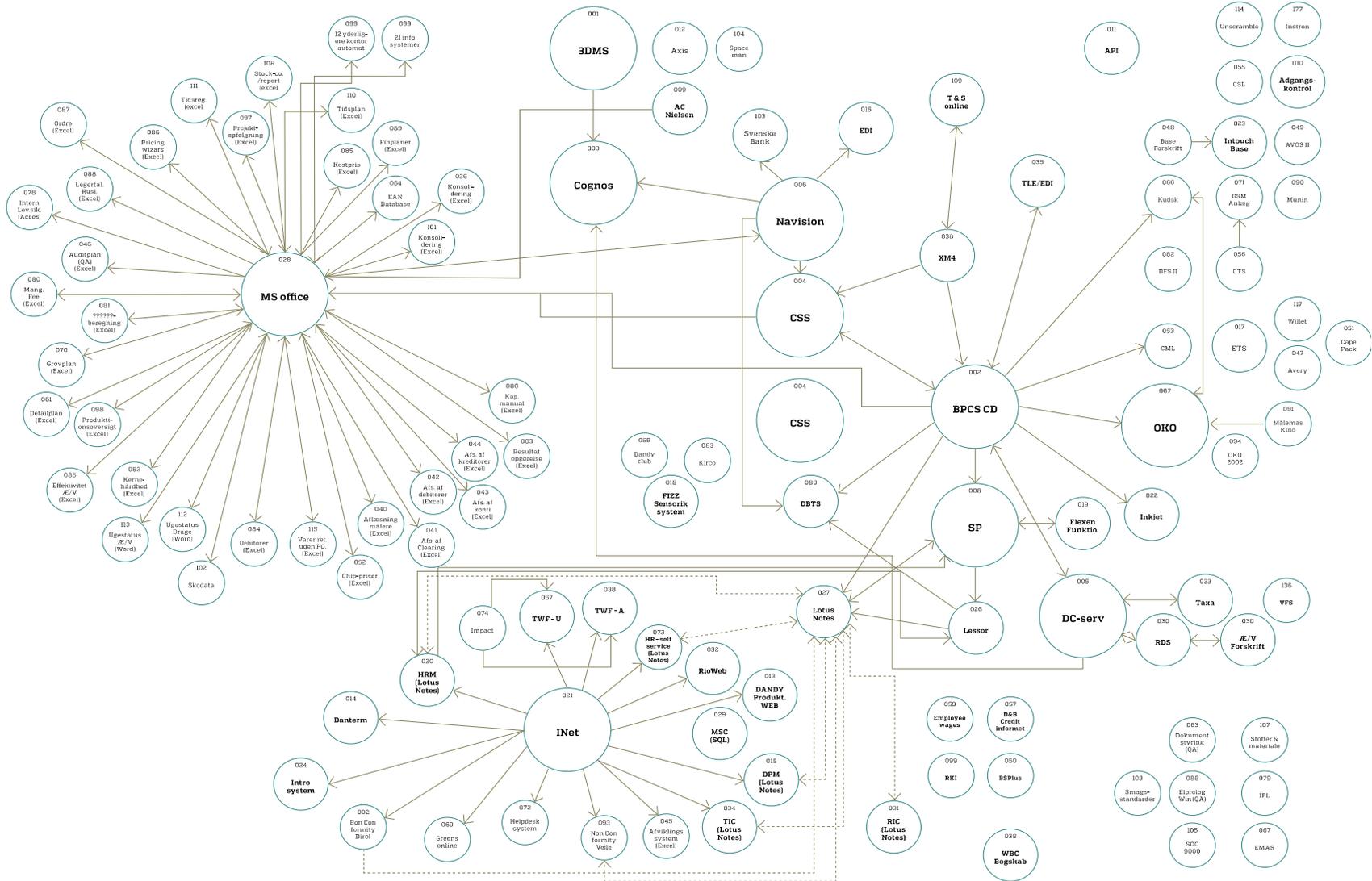
When all IT systems of the company are identified, these should be mapped. Mapping the company's IT systems enables a visualization of the dependencies between the systems as well as stand-alone systems. There are different methods for mapping IT systems. The important thing is that the chosen method is adhered to consistently.

### *Template for description of systems*

	Systemets navn
Purpose of the system	
System type (standard, adapted, specially designed)	
Age	
Background of acquisition	
Field of application	
Manual vs. automatic entry	
Data input	
Data input (unexploited data)	
Data output	
Data output (unexploited data)	
Link to other systems (integration)	
Operational reliability	
Server	
completed by (contact person)	

# Example of IT system mapping

Kilde | Arlbjørn et al. (2006, s. 114)





## **Benefits**

This tool creates awareness of the IT systems used daily to implement supply chain activities in the company. By mapping the company's IT systems, it is possible to identify any data redundancy. It may also form a basis for the development and implementation of procedures and policies for the use of IT systems in the company.

## **Output**

The tool provides an overview of the number and types of IT systems in the company, and the extent to which they are applied. Likewise, it can be used as input to the company's IT strategy.