Table for

An empirical investigation on Big data in Supply chain management: Case from the Smart Connected Products

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Table 2 Synthesis on the impact on the supply chain planning processes

	Impact on planning…		
	Inputs	**Process**	**Performance**
ISCP	• From estimation to real time data.	• Change in the overall SC planning logic	• (higher) Service level, customization, stock availability
DemP	• From estimation to real time data. Integrate direct information from final consumers.	• -	• (higher) Efficiency in demand forecasting and inventory management
PrcP	• More stable (internal) demand forecast	• Larger and more stable purchasing orders	• (higher) accuracy and stability in the planning process
PrdP	• Information on the product-in-use during the whole life cycle. • More stable (internal) demand forecast	• Higher efficiency in the process (e.g., larger lots, less scraps and lower stock out costs)	• Lowering the stock level without compromising the service level
DisP	• From estimation to real time data.	• -	• Stock level reduction, rich service experience (inclusion of the apps)