

Knowledge Relation and Information Society Services

Knowledge and Social

The essential contents of economic and administrative activity in information society change is development of information society services. This is based on development of social interaction, the formation of global dimension of knowledge relation and social (Mäkinen, 2008, Mäkinen, 2008/13).

Networked service is the principal form of economic-administrative interaction. Organization – as bureaucracy or process organization – is its special case build on interactive environment in social division of labour (Mäkinen, 2008, Mäkinen, 2008/12), and based on conceptual knowledge mediating social structures. Such structures are for example organization, classes, society as a totality based on nation state (Mäkinen, 2009/10, Mäkinen, 2009/11, Mäkinen, 2009/14).

Development of information society services is the principal social change. Its characteristic is that connection between global and historical dimension of social is not structural, but in same historical continuity may exist several global dimensions and a global dimension may exist in several historical continuities. Their connection is determined by information security based on meaningful action where global dimension is probable. Basic social unit is service, not social structure (Mäkinen, 2009/10, Mäkinen, 2009/11, Mäkinen, 2009/14).

Knowledge relation is based on modelling of knowledge as conceptual knowledge or information and knowledge and on this foundation development of processes and specifications of knowledge creating and transferring environments.

Development of Knowledge Management into most remarkable management system is one of forms in this social change. Its starting point is knowledge creation and development as meaningful social resource. This is a more general knowledge governance form than processing conceptual information in a

formal system. Knowledge consideration does not suppose that there exist social structures and conceptual knowledge determined and mediating them. Interaction may be determined directly according to meaningful knowledge in processes or networks.

Knowledge governance and management presuppose information security for management system in social interaction.

Information Society Services and Knowledge

Information society services are built on components

- Information, their technological and formal carriers and
- Knowledge, functional carriers mediating interactivity (Mäkinen, 2009/7).

Global components, conceptual knowledge, formal components of processes or logical networks, are transferable independently of spatiotemporal dimensions. Here is based that they have no a priori connection to specific historical continuity, as historical interaction based on knowledge and consciousness. Their connection is based on probable realization of information security profiles concerning global components.

Interaction and rational activity are in all cases based on probability assessment. Interaction mediated by knowledge is meaningful action whose foundations are not formally assessed; they are considered certain although this does never fully realize. When interaction is based on conceptual knowledge, probability basis is essential but it may be build on social structures creating certainty required in meaningful action. In information society services network information is mediating interaction. The probable management of risk is apparent when continuity is developed by several 'concurrent' global components whose connection is based on information security

On information based global components in information society services are independent

of empirical spatiotemporal dimensions. They can be delivered concurrently into knowledge assets in several processes and networks. Transmission path of communications network is possible to deliver into several network environments, processes and services.

Implementation of Information Society Services

Implementation of knowledge relation and information society services presuppose information security determining their social meaning as continuum of global and historical dimension. This creates socially rational action in information society services.



Information security consists of global and historical risk management. At low risk is build socially relatively 'certain' social relations mediated by knowledge. Certainty is not complete; interaction is always mediated by conceptual knowledge. Global, high risk components may be applied spatiotemporally 'widely'.

The applicability of these components in information society services may be described by wideness and duration of service. Depending on how risks are possible to treat, the 'longer' in space and time can socially rational systems been stretched out. This requires utilization of global dimension of risk management, knowledge and information security. It however has no a priori connection to historical service (Mäkinen, 2009/7, Makinen, 2009/11, Mäkinen, 2009/14).

Global risk management makes possible wide, but relatively short term information security solutions. In immediate, on knowledge and its carriers based interaction, historical risk management, presupposes forms of information security limited into tighter networks, but they are of longer duration (Mäkinen, 2009/7, Mäkinen, 2009/11).

According to global dimension it is possible to implement services into wide environments where incidents are repeating. The treatment of them presupposes wide transferability of conceptual information, in last instance network information, definition of formal processes and possibility to apply ICT- and information security techniques. On foundation of these is possible to build standard solutions. The more information is bound on human activity, the more social continuity is emphasized and the more intensive and complex services can be.

Literature

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