

Abstract

When the internet started in 1995 in Germany Mr. Fuchs vision began to grow. He recognized very early, that the existing technology would not satisfy in the future the needs of a networked world. The big aim was to develop a new secure network technology without any limits, restrictions or barriers. Nowadays the xeNet technology supports all requirements of a future networked world. The separation between the real and virtual world will be repealed by the xeNet and completely new models of services will arise in future-oriented software solutions. One world, one Net that is the goal of the new network technology. Our way to live, the way we work, the way we communicate, at any place, connected with different people, with different types of computers, this is the challenge of future network technologies. Our real life is connected to a virtual world The internet today is limited by an over 30 years old technology. When the internet started in the middle of the 1990 the world has been an other one than today.

At this time the internet was a very young technology. All developers and users had to make their experiences in using this new technology. I myself think, that this time was the beginning of an evolution, touching our all real lives and economies.

The internet has been growing within in the last 15 years in a way, which never before was comparable with any other technology. The internet itself is an unstructured, insecure and a non trustable global Network. This is in opposite of the users or enterprises needs.

Today we have a globalized world economy, science and we have so many different and unsolved problems all over the world.

Technology is instrumental in driving business growth and creating more efficient processes that contribute to increased productivity. By combining technical expertise and business savvy with our full range of IT services, we're able to assess complex situations, devise effective solutions, and implement them for you quickly and cost effectively.

The xeNet it's self is based on a new infrastructure, because the xeNet Technology is completely different to the existent Internet. The xeNet is an network based on transferring objects between the different actors. This ODN (Object Data Network) is much more intelligent and secure as the common protocols used actually by the internet. The protocol which is used by xeNet is named OTNP (Object Transfer Network Protocol) and was designed by Hannes Fuchs.

How can we handle this huge challenges to solve this ?

Sustainable and future-oriented technological innovations are the basic to solve many problems of modern information societies and economies. The internet changed the world and made the world much smaller. Today we have a real time network to transport Information around the world. Global change processes are speed up by a new communication behavior. The xeNet technology as a cross-cutting technology which touches all branches of industries, information management, science and communication.

The builder and engineers of modern car technologies don't use the chassis of Henry Ford's Tin Lizzy. But in ICT we do so. So let's say good bye to the old Web and let us think about the needs of the future. The Internet needs a re engineering.

Connected life in a mobile and a globalized world

Mr. Fuchs researched and developed at this huge project till October 2010. Now he is the first who has an alternate network technology, which is completely different from the existing internet. All software components of the network have a new architecture and are newly developed and there is no third party software in use like Apache web server, ajax and so on The result is the improving the ways how people, enterprises, science and organizations can connect to one unified network platform in a secure, efficient and high performance manner.

The primary components of the xeNet technology is the xeDesk, the xeCloud with a new process management and software architecture, the xeNet domains as a virtual domain system within the xeNet, The xeSearch index technology provides the users a central information system to find different kinds of content within the xeNet. The network it's self is designed as an object data network with a new network protocol OTNP (Object Transfer Network Protocol) for the communication between the single components. Mr. Fuchs is the first software architect who said goodbye to the existent Browser-technology by designing a new Software-Client named xeDesk. The advantages are quickly visible by using xeDesk. In future users can configure there personal xeDesk clients according to their own needs. The services can be selected on demand from a software catalog and can easily be integrated in xeDesk. This technology is similar as it is used by smart phones.