

# The digitalization of the world

The digitalization is affecting more and more areas of our life. Companies from all sectors, state organizations and social institutions are all engaging in the digital change challenge.

Sooner or later everybody will have to face the digital transformation challenge.

Politics has recognized the dimensions of digitalization too. August 2014 the German Federal Government has introduced the Digital Agenda 2014-2017, an important document containing the German strategy to face the digital challenge.

With the Digital Agenda, whose principles roots in the European Economic Plan 2020 in March 2010, the German government aims to ensure the country's competitiveness and technological innovation.

Where society had hundred years time to internalize and spread the use of analog systems, the implementation of modern information technologies will require companies and individual the ability to adapt very quickly to modern digital changes.

How will the digital transformation affect enterprises, institutions and society? How will we make this change possible?

Currently there are two implementation models:

- Digital Transformation
- Disruptive Change

Germany and the European Community country members are promoting the Digital Transformation model. This model provides a clear planning of technological and organizational changes.

## Advantages:

The implementation time frame as defined by the Federal Government and Brussels gives organizations and institutions the opportunity to face in stages, though continually, the challenge. In this way the basic principles and objectives set by the Digital Transformation will become gradually understandable to the parts involved and risks will be minimized.

### Disadvantages:

Time, costs and manpower reduction will be marginal for companies that choose the model of Disruptive Change. By result, companies will have to face loss of competitiveness on the global market.

The model of Destructive Change is supported mainly by the USA and major companies from emerging economies. Digital Multiplayer such as Amazon, Uber and Tesla are examples of this new type of change.

### Advantages:

The implementation of new technologies takes place immediately, without taking into consideration the present market or actual products and services.

### Disadvantages:

Established structures are ignored. Not fully developed technology will be placed on the market. Users will bear the costs and are responsible for further development and testing.

The social transformations produced by the Digital Strategy will have an impact on the purchasing behavior, consumption and the way of life of future generations. Transformations are taking place right now and we have to face them.

How is it possible for companies, institutions and society to face this major challenge? One thing should be clear: There is no way back. Digitalization will impact all areas of our future life.

**BiwH** has divided the areas of implementation into five modules:

Baustein  <b>POLITIK</b>	<ul style="list-style-type: none"> <li>- Digital Law</li> <li>- Digital Education</li> <li>- Digital Strategy</li> </ul>
Baustein  <b>MENSCH</b>	<ul style="list-style-type: none"> <li>- Digital Models</li> <li>- Digital Culture</li> <li>- Digital Dialogue</li> <li>- Digitale Security</li> </ul>
Baustein  <b>ORGANISATION</b>	<ul style="list-style-type: none"> <li>- Digital Methods</li> <li>- Digital Plattform</li> <li>- Digital nterfaces</li> </ul>
Baustein  <b>TECHNIK</b>	<ul style="list-style-type: none"> <li>- Sematic and cognitive methods and Interactive Project</li> </ul>
Baustein  <b>PROJEKTFORMEN</b>	<ul style="list-style-type: none"> <li>- Digital Management</li> </ul>

These mentioned dimensions are interacting with adjacent sectors:

The involvement of all mentioned dimensions will guarantee the inclusion of all organization parties. Thus the individual has the opportunity to participate in the implementation and utilization of new technologies, whether it is an organization, a state institution or the private sector.

The Management has the task of reacting intelligently and proactive to digital transformation changes.

Along with capital, raw resources and labor, knowledge has become the fourth economic factor.

The digital world is facing us with more and more challenges and requirements. The human capital is more than ever at the center of change.

**BiwH** provides organizational consulting and technology support to all companies and state organizations who decide to face the digital transformation challenge.

**BiwH** supports you in all stages of implementation of the digital project and helps to strengthen the foundations for the future competitive advantage.

We at **BiwH** are aware that the digital transformation projects is a major challenge for the organization. In fact, the implementation of these projects has to be carried out concurrently with the busy business daily life.

Therefore **BiwH** supports your organization and your team with all possible regeneration activities.