

Consulting on digital transformation

Help needed for effective digital transformation? Most Chinese manufacturing enterprises have plan.

Everything will be digital in the future. IDC predicts more than 60% of global GDP will be digital by the end of 2022. In June 2020, a media survey of chief information officers of nearly 600 Chinese manufacturing enterprises showed more than 99% of the enterprise leaders supported the digital transformation, and more than 70% of enterprises had a strategic plan for digital transformation.

However, digital transformation is full of difficulties and challenges. Some international research institutions believe less than 30% of the global digital transformation programs have been successful. In China, some experts even said that only 9% of the 40% of the enterprises in digital transformation in China are successful, and the real data may be lower.

Help wanted for digital transformation

For digital transformation of enterprises, “Do not know how to do” is the most common problem. Some enterprises regard digitalization as simple technical engineering of data flow for process control production. Some enterprises equate digitalization with the establishment of online channels and e-mails. Confusing beginnings often result in poor returns on investments (ROI), which discourages other companies from investing in the digital space.

Many concepts, theories and technologies relate to digital transformation, such as Industry 4.0, intelligent manufacturing, interconnected enterprises, industrial internet, edge computing, artificial intelligence, industrial cloud platform, digital twins, artificial intelligence of things (AIoT), industrial data centers and others. New concepts are always emerging, which creates confusion and makes the digital transformation path hazy.

How should manufacturers begin on the road of digital transformation? If the transformation success rate is 30%, how should manufacturers choose the right digital transformation solutions for industrial enterprises?

Digital transformation for manufacturing enterprises may begin with consulting.

Digital consulting can help companies find success using rich practical experience and methods appropriate for a manufacturing enterprise, carrying out suitable scientific planning, and gradually promoting it according to a roadmap, adjusting and communicating as needed to ensure a successful digital

transformation implementation.

In the field of enterprise-oriented consulting, there are many well-known international companies. In the face of the current trend of digital and intelligent manufacturing, these consulting companies also have launched digital transformation consulting, and claimed many successful cases.

For example, Accenture put forward the digital transformation service system of “Industry X.0” in 2017, which helps the transformation of enterprise business model from the aspects of digital R&D, digital production, digital supply chain and digital service. According to Accenture, it has developed a detailed digital roadmap for a large oil and gas company based on the “Industry X.0” approach to change the way the business operates, achieving billions of dollars in revenue and reducing millions of tons of emissions.

Consulting firm McKinsey, in partnership with the World Economic Forum (WEF), publishes “Lighthouse Factory” annually, forming a global “best practice” learning platform. In China, it cooperated with Tsinghua University and other units to establish a digital capability development center in 2017, to help Chinese enterprises successfully upgrade the manufacturing industry through digital transformation.

Automation vendors transform, too

Beyond consulting firms, giants in the manufacturing industry and the digital field have launched consulting services, including Lenovo, Schneider Electric and Siemens. (See more details and examples for each with this article online.)

Clarify digital transformation, consider digital transformation help

The complexity of industrial sites and the uncertainty of technological developments adds complexity to each enterprise’s digital transformation; it cannot be achieved overnight. Manufacturing digital transformation is a long-term project that requires a high degree of integration with what already exists in the enterprise. Before starting digital transformation, it may be wise to seek digital consultation first. Gaining digital transformation knowledge will undoubtedly increase probability of success for the digital transformation of enterprises. **ce**

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Digital transformation includes a large array of technologies and integration.

Consulting firms and automation providers offer digital transformation consulting.

Creating a roadmap for digital transformation can increase probability of success.

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Seeking help for digital transformation make accelerate opportunities over competitors.

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