



Add value.
Inspire trust.

Smart Industry Readiness Index

Accelerate your Industry 4.0
transformation

Your challenges

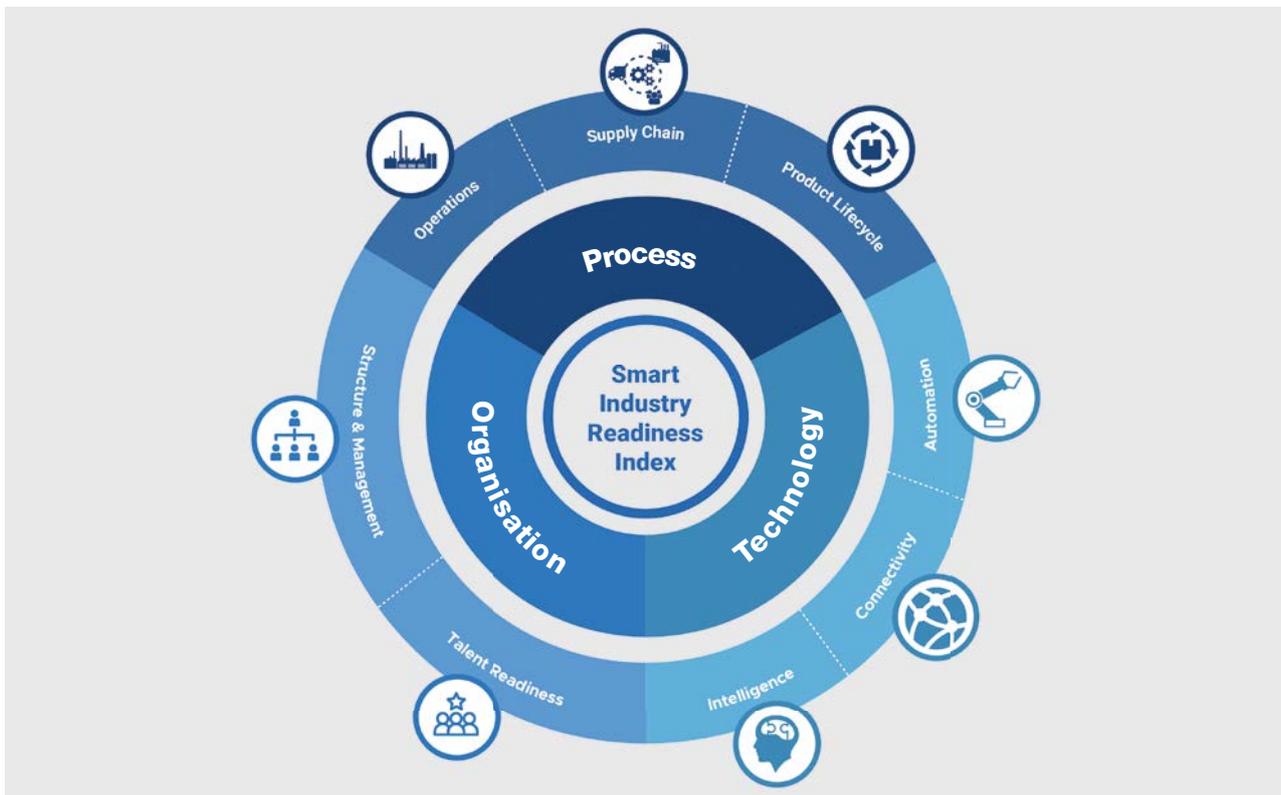
Industry 4.0 is gathering momentum globally, and many companies are looking to adopt technologies such as data analytics and Industrial Internet-of-Things to improve their manufacturing competitiveness. This new era of manufacturing is characterised by seamless and effective data exchange across the value chain – from customer requirements, to supply chains, manufacturing, logistics and after-market services. Smart components and digital twins are also introducing a new level of flexibility to the production line. While the Industry 4.0 concept offers significant potential, the requirements for a successful transition go far beyond technology change. How should manufacturers, both large and small, effectively initiate this complex transformation to Industry 4.0?

What is the Smart Industry Readiness Index?

The Smart Industry Readiness Index is a diagnostic tool which companies can use to better understand

Industry 4.0 concepts, as well as evaluate the current state of their facilities. It offers pragmatic analysis across the three fundamental building blocks of Industry 4.0 – process, technology and organisation. Eight pillars underpin each of these main blocks and include aspects such as operations, supply chain, automation, intelligence and talent readiness.

Originally developed in a partnership between TÜV SÜD and Singapore's Economic Development Board (EDB), the Smart Industry Readiness index is based on the Reference Architectural Model Industrie 4.0 (RAMI 4.0) framework and has been thoroughly validated by an advisory panel of academic and industry experts. To ensure that it is an easy-to-use tool, the Index was piloted with companies within a diverse range of manufacturing sectors (e.g. chemicals, biomedical, electronics, aerospace) and across all business sizes, including small and medium-sized enterprises (SMEs).



Why is the Smart Industry Readiness Index important?

The first step for a business with Industry 4.0 aspirations is to identify which aspects it must address to harness the full potential of a transition. The Index assessment process provides a valuable understanding of critical dimensions, as well as crucial insights into the individual facility's status against those factors. This enables manufacturing companies to migrate by taking a targeted and step-wise approach, thereby creating tangible value for the business.

Your business benefits

- **Establish a common understanding of Industry 4.0** – break down the concepts into digestible, key building blocks and provide a clear articulation of the tangible benefits.
- **Initiate a high-impact transformation** – understand the status quo of your current processes, systems and structures.
- **Release the full potential of Industry 4.0** – migrate in a targeted and step-wise way to translate concepts into real business value.

How can we help you?

Our experts apply the Index framework to evaluate your Industry 4.0 maturity in terms of technology, process and organisational culture. Our approach is

robust in both theory and practicality, and is simple for any organisation to use – regardless of size or industry. To date, TÜV SÜD has completed hundreds of assessments with multi-national corporations and SMEs across all industries.

Why choose TÜV SÜD?

With broad industrial technology and process optimisation knowledge, TÜV SÜD ensures that companies take a comprehensive perspective in assessing every dimension of their business. This helps them to avoid the trap of a pure technology focus, where critical areas such as process design and workforce development are often overlooked.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification and auditing services. Since 1866, the company has remained committed to its purpose of enabling progress by protecting people, the environment and assets from technology-related risks. Through more than 24,000 employees across over 1,000 locations, it adds value to customers and partners by enabling market access and managing risks. By anticipating technological developments and facilitating change, TÜV SÜD inspires trust in a physical and digital world to create a safer and more sustainable future.