

# SIEMENS DIGITAL INDUSTRIES Automotive Digi-Toolbox South Africa

Siemens is a technology company that focuses on industries that form the backbone of economies – manufacturing, infrastructure, and transport. Digital Industries is an innovation and technology leader in industrial automation and digitalization. In close cooperation with our partners and customers, we are the driving force for the digital transformation in the discrete and process industries.

## WHAT MATTERS TO YOU!

## **Siemens Automotive**

The automotive industry is the technological trendsetter among manufacturing industries. It keeps evolving on a fast pace and is a driver of the new era of digitalization. Digitalization with the Digital Enterprise solution portfolio helps the automotive industry to turn their ideas into successful vehicles faster and more efficiently.

## **Automotive Toolbox**

#### **AUTOMOTIVE DIGITAL ENTERPRISE**

Digital Enterprise is the comprehensive portfolio from Siemens for the digital transformation with solutions for the specific requirements of the automotive industry. Access Now

### **DIGITAL TWIN PRODUCTION**

The digital twin production comprises everything from programming to automation hardware and enables to optimize production before it begins by virtually commissioning the new production cell or line and with the Digital Enterprise solution portfolio.

## AUTOMOTIVE INDUSTRY BROCHURE

Discover our solutions for the automotive industry. Access Now

## **Additional Information**

#### SIEMENS INDUSTRY ONLINE SUPPORT (SIOS)

The Online Support offers you a number of useful functions for finding your information in a quick and targeted way. They support you in your search and help you save valuable time

#### Access Now

#### **SIEMENS PRODUCTS & SERVICES**

Siemens is a global technology powerhouse that brings together the digital and physical worlds to benefit customers and society. Access Now

#### SIEMENS MARKET-SPECIFIC SOLUTIONS

With our established and comprehensive knowledge of markets, we can offer you the best and most appropriate products, services, and solutions that can effectively and efficiently be used in your market.

#### SIEMENS AUTOMOTIVE

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# **SIEMENS DIGITAL INDUSTRIES Food & Beverage Digi-Toolbox** South Africa

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## WHAT MATTERS TO YOU!

## **Siemens Food & Beverage**

Food and beverage manufacturers must consider many factors: a consistently high level of product quality, maximum plant availability, optimum resource efficiency – and, increasingly, the greatest possible flexibility in order to meet more and more individual customer requirements. Mastering all these challenges today and in the future is possible only with digitalization. With the Digital Enterprise solution portfolio, we offer the products and solutions you need to fully or gradually integrate and digitalize your entire value chain.

## Food & Beverage Toolbox

#### FLEXIBILITY FOR THE FOOD AND BEVERAGE INDUSTRY WITH DIGITAL ENTERPRISE

Innovative products and solutions make you more competitive.

#### DIGITAL SOLUTIONS FOR FOOD & BEVERAGE

Our digitalization solutions will enable you to economically realize individual customer demands. Access Now

## **DISCOVER OUR EXCLUSIVE CONTENT**

Here you'll find exclusive content relating to trends, developments, and digitalization strategies for the food and beverage industry. Access Now

## **Additional Information**

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## **SIEMENS FOOD & BEVERAGE**

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# SIEMENS DIGITAL INDUSTRIES Mining & Minerals Digi-Toolbox South Africa

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## WHAT MATTERS TO YOU!

## **Siemens Mining**

The challenges confronting the globalized mining industry – now and in the future – can only be mastered by raising productivity and by reducing operating and extraction costs. Ever stricter environmental regulations must also be met and safe working conditions ensured. To boost efficiency and reduce costs, we rely on our solutions for mine hoists, bulk material handling, gearless and conventional mills as well as mining-specific automation and power solutions. SIMINE solutions additionally offer solutions for the digitalization of your plants, machinery and processes which optimize operations and ensure consistent, end-to-end data management.

## **Mining Toolbox**

## INNOVATIVE SOLUTIONS FOR THE

MINING INDUSTRY Proven solutions for the mining industry. Access Now

## DIGITAL SOLUTIONS FOR THE MINING INDUSTRY

Cutting-edge solutions are the way forward and that means to define sustainable enterprise digital architecture, select appropriate technologies and ensure seamless integration. Access Now

## AUTOMATION SOLUTIONS

Siemens automation solutions offer a comprehensive portfolio for every automation level. They are the right answer for highest productivity on reduced Total Cost of Ownership in this challenging environment. Access Now

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# SIEMENS DIGITAL INDUSTRIES OEM Digi-Toolbox South Africa

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## WHAT MATTERS TO YOU!

## **Siemens Machine Building**

Our industry-crossing solution portfolio enables module and machine builders to meet the increasing requirements of industry. It comprises the entire lifecycle from development to production and to services. Our experts will support you to unlock and implement the full potential of the Digital Enterprise. Our offer contains proven products and solutions as well as industrially usable future technologies like additive manufacturing or robotics.

## **OEM Toolbox**

## **DIGITALIZATION IN MACHINES**

Digital twins of machines help you to develop your plant faster and more efficient. You can optimize new machines right from the design phase, identify potential improvements before the actual commissioning and use machine data to continuously optimize operation.

## CYBERSECURITY IN THE DIGITALIZED WORLD

**OF INDUSTRY** Digitalization and the growing networking of machines and industrial systems also mean an increase in the risk of cyberattacks. Appropriate protective measures are imperative, especially for critical infrastructure facilities.

## SIMULATION AND VIRTUAL COMMISSIONING WITH TIA PORTAL

Faults are inevitable during the development of a machine or plant. However, they can cause high costs and enormous effort when they are only detected during real commissioning. Integration in a line or plant involves risks as well. A solution is simulation with TIA Portal. Based on the digital twin of a new machine or line you're able to parallelize engineering, test functions and detect faults earlier, simulate the interplay of the machine in a line, and optimize operation while its running.

## **Additional Information**

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#### **SIEMENS OEM**

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# SIEMENS DIGITAL INDUSTRIES Water Industry Digi-Toolbox South Africa

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## WHAT MATTERS TO YOU!

## **Siemens Water Industry**

Water is the most valuable resource on our planet. That's why efficiency and quality are top priorities for the water industry. These goals are becoming increasingly difficult to achieve as the expense of providing clean water grows in many regions, while at the same time operations have to be as efficient and economical as possible. The consistent, end-to-end digitalization of plants and processes helps the water and waste water industry meet these challenges.

## Water Industry Toolbox

## DIGITAL ENTERPRISE PORTFOLIO

Find out more about our Digital Enterprise portfolio for the water and waste water industry. Access Now

#### WATER PORTAL

Online assistance for design and configuration of water and waste water systems. Access Now

## WATER INDUSTRY BROCHURE Access Now

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