



A System Solutions Company

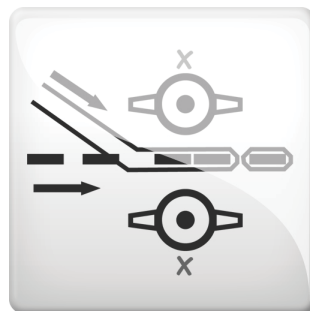
Our Value Chain

Steps to a perfect partnership

SA Power works with you

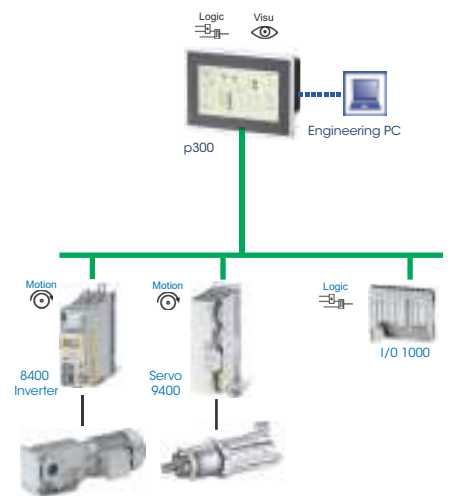
With our motivated and committed approach, we work together with you to create the best possible solution and set your ideas in motion - regardless of whether you are looking to optimize an existing machine or develop a new one. We always strive to make things easy and seek perfection. This is anchored in our thinking, in our services and in every detail of our products and in every step of our value chain

1 Developing ideas



Are you looking to build the best machine possible and already have some initial ideas? Then get together with us to prepare a design outline, from small and innovative details all the way to completely new machine ideas. Working together, we will develop an intelligent and sustainable concept that is perfectly aligned with your specific requirements

2 Drafting concepts



We welcome challenges set by your machine requirements, supporting you with our in-depth expertise and providing valuable impetus for your innovations. We take an overview of the individual motion and control functions here and draw up consistent, future orientated drive and automation solutions for you - keeping everything as easy as possible whilst matching all your requirements

3 Implementing solutions



Our formula for satisfied customers is to establish an active partnership with fast decision making processes and an individually tailored offer. Here we bring in application knowledge and powerful software tools for dimensioning that make your project run faster

4 Manufacturing Machines



As one of the few system solution providers in the market, we can provide you with the products that you actually need for any machine task. The LForce product portfolio is a powerful platform for implementing drive and automation tasks. These solutions are supported by our programming experience and expertise. For complete system solutions we can provide Integration services such as panel building, installation and commissioning

5 Ensuring Productivity



Productivity and reliability for new output peaks on a daily basis - these are our key success factors for your machine. After delivery we offer you service support, on site if you need to ensure continued safe operation. The primary focus here is on technical support, based on the excellent application expertise, our team of service technicians supported by local repair facility. Training our customers technicians is an important part of our service offer

Our Company

SA Power Services is a family owned business started in 1969. It now has a footprint throughout South Africa with offices in all major centres. The Gauteng offices are where our logistics and repair facilities are located. Our regional branches offer sales, service and system integration solutions. The Gauteng offices also support sales and service activities into Sub-Sahara Africa. Being a well-established company we have the advantage of having sound systems in place from Logistics to Human Resources and Accounting.

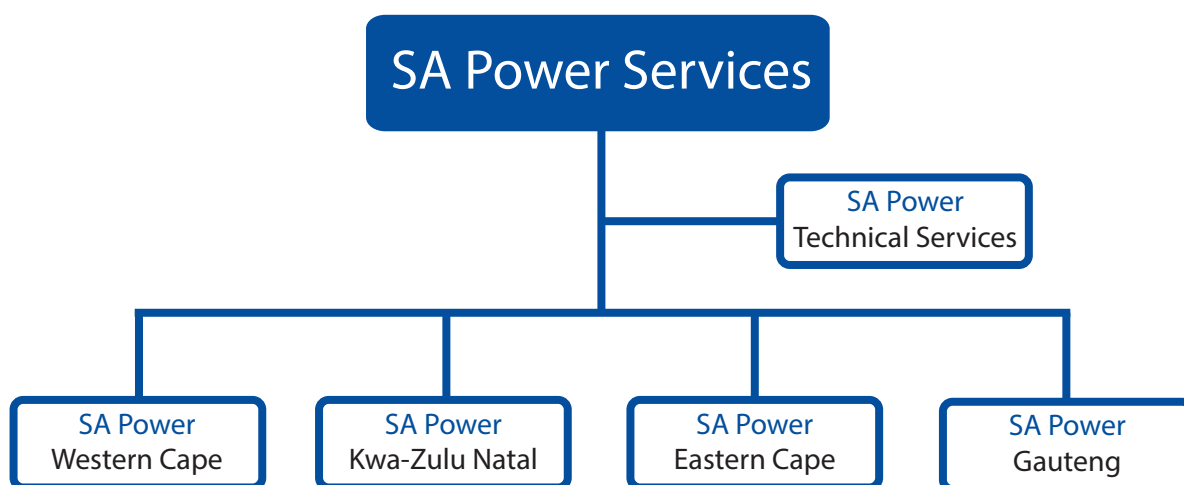
The SA Power values are based on long term relationships with our suppliers and customers. SA Power has represented Lenze Germany since its inception and the close working relationship ensures that we are completely up to date with the technology to ensure the most up to date system solutions. We have equally long and strong relationships with all the companies we represent. These long relationships ensure that we have excellent product know-how which is critical for new applications as well as servicing installed systems.

Having grown from a small family business there is an underlying commitment to service throughout the company. We achieve this with our loyal and committed staff working as a team. Our service commitment includes product repairs, support, on-site support to more complex application engineering.

We have a strong application engineering team who have over many years developed a broad range of experience in drives, control and automation over many industry sectors. This team is in regular contact with our overseas suppliers and are continually trained on the latest technologies.

With our Value Chain we are proud with what we have achieved to date and look forward maintaining and developing partnerships into the future.

Scip Vernede
Managing Director



Service

SA Power prides themselves on the service and support that we provide.

We offer local repairs at our Gauteng offices where we have a trained team of technicians that are able to carry out mechanical and electrical product repairs down to component level. Local repairs reduce repair costs and improves turn-around time. The repair facility has a wide range of spares and various exchange units. This is a very important part of the companies service package to our branches and customers.

Through our nationwide branches we can provide product and technical support during working hours. After hours we have a countrywide 24 hour Help Line. All the branches have service technicians which offer product support at the customer site. This team is also competent at advising customers on ways of optimising their installed systems or recommending new systems to replace old or obsolete systems.

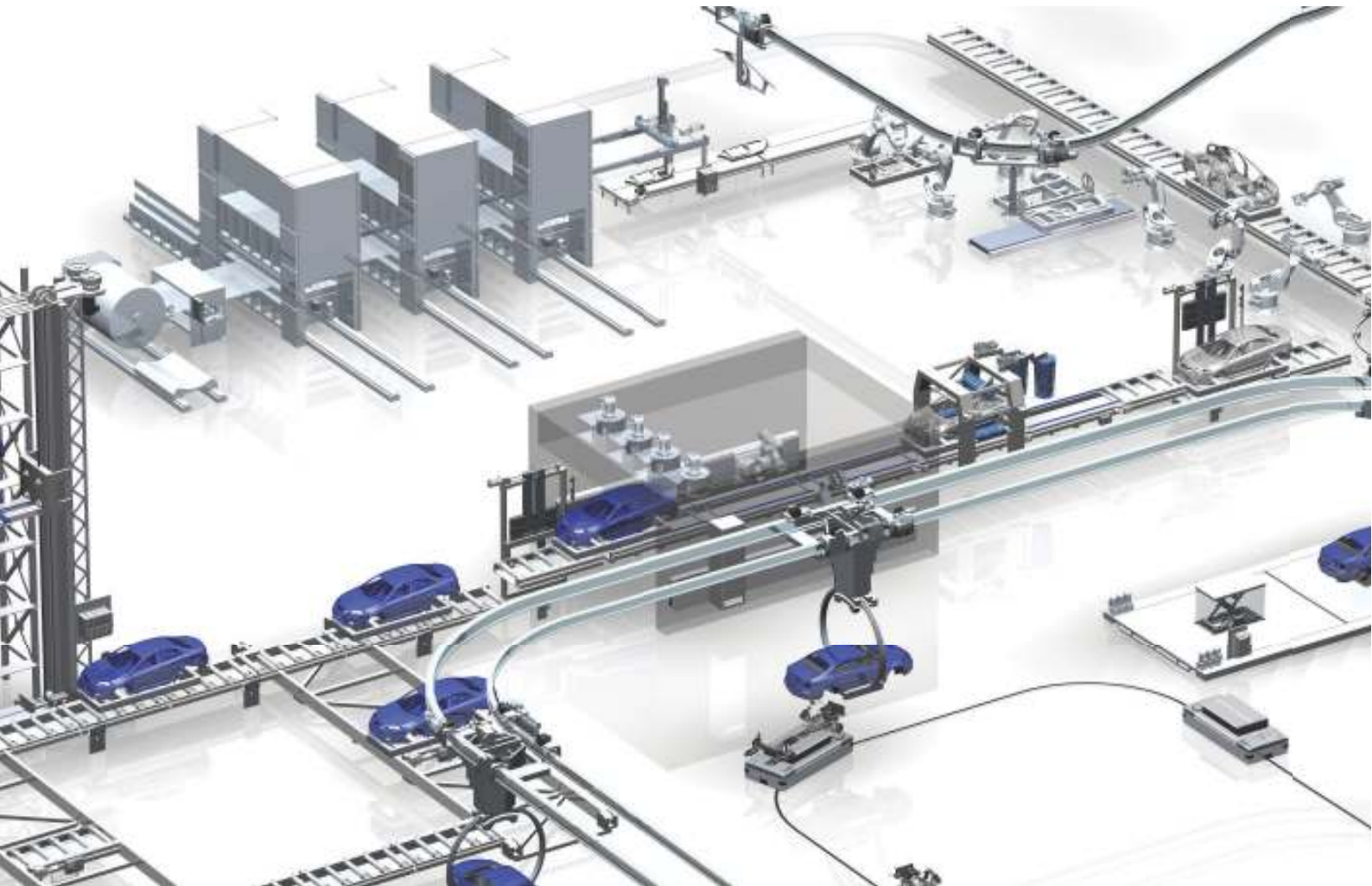
Our branches offer integration services which includes panel building, installation and commissioning. They can offer a complete turn-key system solution.

The Engineering Team offer System Design, Functional Specifications, System Sizing and Selection, Application Software Testing and Programming. This team works closely with our branches and our overseas suppliers and are capable of offering higher level customer support.



24 Hour Helpline - 0861 113 820
service@sapower.co.za

Manufacturing Machines



Manufacturing Machines requires technology ranging from user friendly Operator Interface to machine control and motion control of motors. The motion control tasks are typically synchronisation, winding, feeding, positioning, registration and tension control. These are all normally carried out at high speeds requiring precise positioning and control. The Lenze software solutions incorporate years of Lenze application experience. This combined with the matched Lenze products, we are able to offer attractive solutions for Manufacturing Machines



Virtual Master



Electrical Shaft



Winder



Flex Cam



Register control

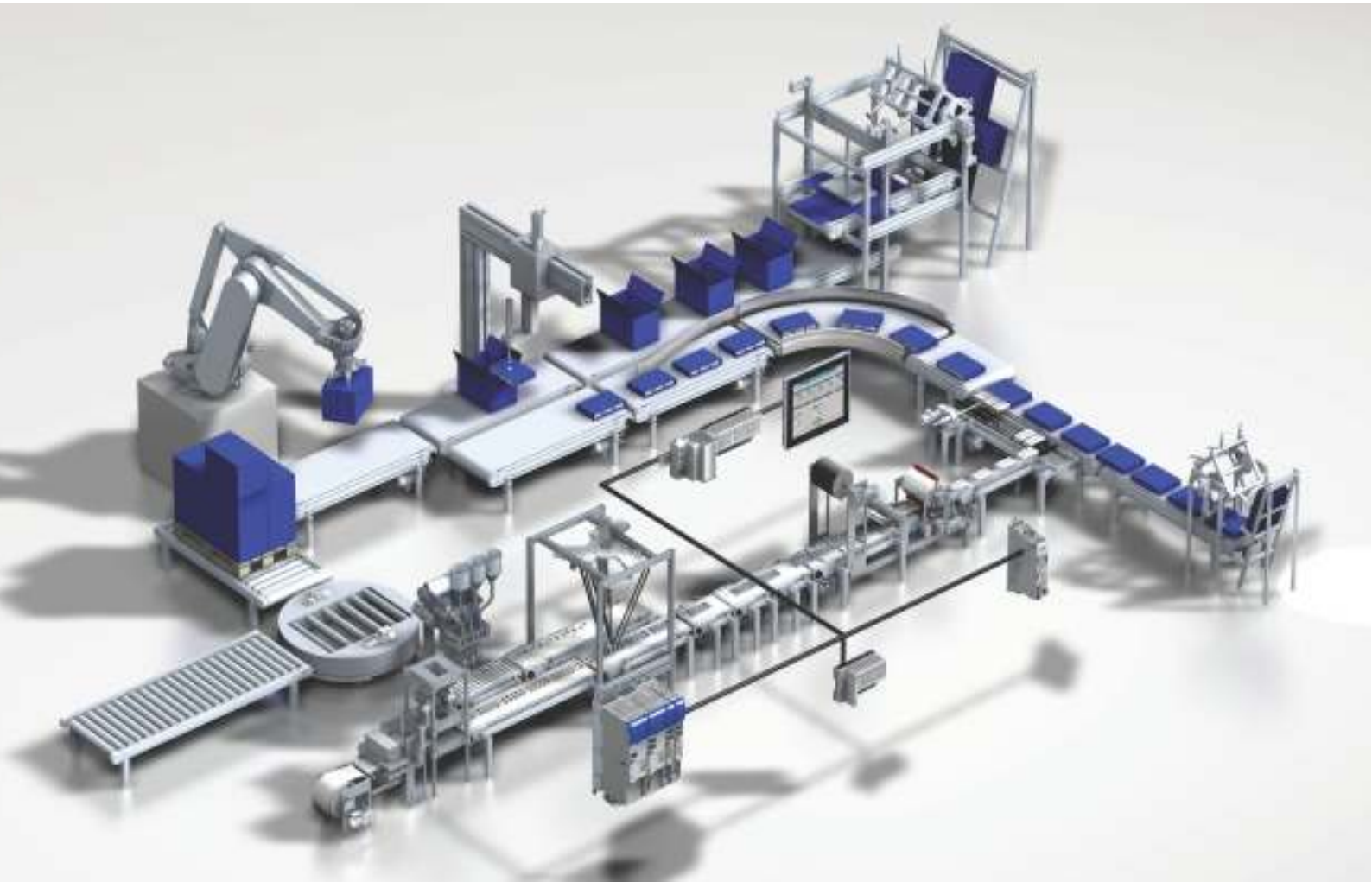


Flying Saw



Tension Control

Packaging & Conveying



Packaging and Conveying Machines are complex machines typically built up of modular control systems. These modules consist of conveying, master machine module, rotary cutters or feeders, palletisers, registration and machine control. With the Lenze software modules already developed and tested it allows for easy implementation of complex solutions. This combined with matched products, a complete system solution can be supplied.



Virtual Master



Electrical Shaft



Cross Sealing/
Cutting



Transformations
Base/ State



SmartTrack



MagicTrack

Products



Visualisation



PLC & Motion Control



Inverters and Servo Inverters



Gearboxes and geared motors



Motors



Clutches and brakes

Lenze inverter technology from simple inverter control to complex dynamic servo multi-axis systems

Lenze visualisation (HMI) products with Visiwin software

Lenze control and PLC technology with PLC Designer

Lenze motors and geared motors with a complete range from smart motors for conveying, geared motors with high efficiency (IE2) to servo geared motors

A complete range of supporting products including brakes, load cells, DC motors and drives and linear systems



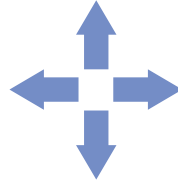
Agencies



Specialised AC and DC Motors



DC motor control products



Soft starters and larger inverter control



GE PLC's, dedicated displays and switch gear



Lenze

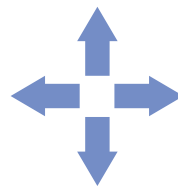
We supply the complete range of Lenze automation products and utilise them in our system solutions



Tension control and load cells



Linear systems



Industrial brake and clutch solutions



Precision gearboxes

References



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