



SIGMA SMART AIR

Think SMART

Your worry-free service package

Think SMART

The SIGMA SMART AIR service package from KAESER makes the advanced service of tomorrow, available today. In addition to enabling entry into the world of predictive maintenance, SIGMA SMART AIR also supports step-by-step digitalisation of your compressed air system. KAESER provides and supports your company's entire compressed air supply 24/7, 365 days a year – and the best part is that you pay only for what you actually use.

SMART package

Whether hardware or software, KAESER provides the necessary components to make your compressed air supply SMART. In combination with the SIGMA NETWORK, the SIGMA AIR MANAGER 4.0 forms the foundation for this powerful capability by delivering operational, service and energy data for the compressed air systems in real-time. These data are the key to predictive service. Furthermore, there are no worries with regards to unscheduled costs. KAESER offers the possibility to digitalise both existing and new compressed air systems without the need for additional investment.

Predictive maintenance

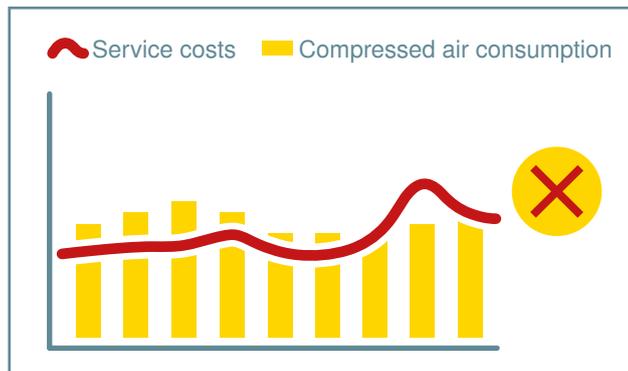
The combination of remote diagnostics and needs-based, preventative maintenance helps ensure maximum compressed air supply dependability. Through availability of compressed air system process data and the resulting analysis, it is possible for KAESER to identify the perfect time at which maintenance work should take place. This approach consequently reduces downtime and increases energy efficiency, which, in turn, saves time and money.

Minimal costs, maximum transparency

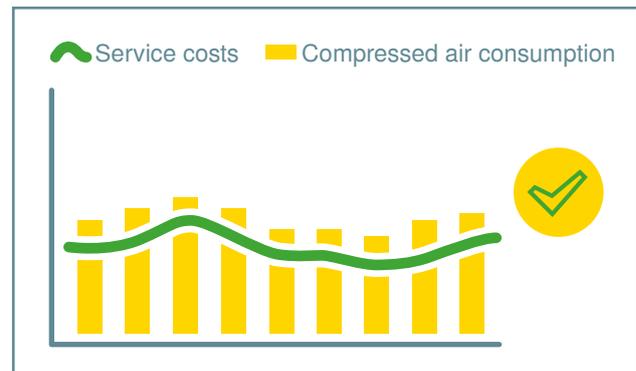
Through real-time data management, SIGMA SMART AIR combines expert knowledge with predictive service. This assures maximum compressed air supply availability and minimal life-cycle costs. Moreover, this provides maximum cost transparency, since the service price is based on the actual volume of compressed air generated. So, similar to your electricity bill, costs are flexibly adjusted according to under- and over-consumption.

Your service costs compared

Before



With SIGMA SMART AIR



Your **benefits** at a glance



Time savings through predictive maintenance

Compressed air system status can be reliably assessed due to the availability of operating data in real-time. As a result, maintenance requirements are detected early and necessary measures can be initiated at the appropriate time. Maintenance efficiency is therefore increased, which saves both time and money.



Monitoring of key information

Operating data analysis allows monitoring of key information, such as service costs, reserve level and specific power for energy management as per ISO 50 001. In addition, the data can be used to provide ongoing energy and life-cycle management throughout the compressed air system's service life.



24/7 availability

Thanks to KAESER's dense branch network, a service technician is never far away – 24/7, 365 days a year. KAESER AIR SERVICE minimises downtime and maximises compressed air supply reliability.



Billing according to compressed air volume generated

The service price is based on the actual volume of compressed air generated. Calculated in units of 1000 m³, costs are flexibly adjusted according to under- and over-consumption. The price per cubic metre of compressed air is applicable for the entire duration of the contract. This ensures long-term predictable and transparent costs.

How does SIGMA SMART AIR work?

Identify, Analyse, React. In real-time.

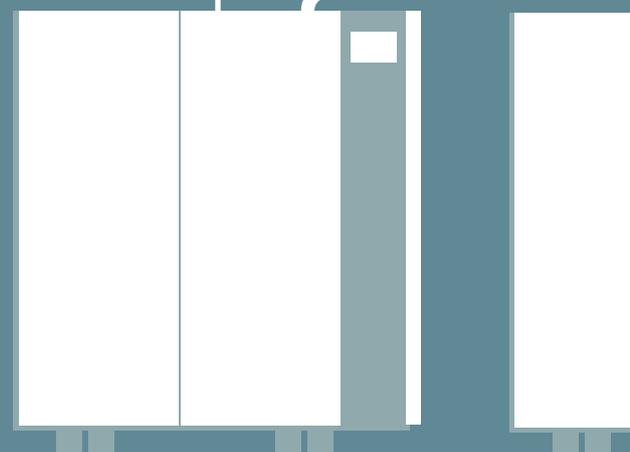
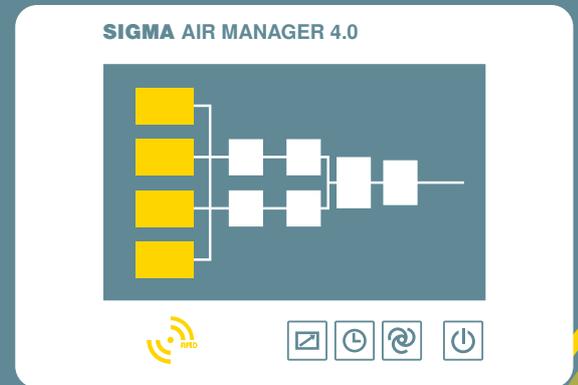
The SIGMA AIR MANAGER 4.0 lies at the heart of the service package. Serving as the central intelligence core within the compressed air station, it assumes control tasks and provides data-streaming to the KAESER PLANT CONTROL CENTER. Process data are encrypted and transferred in real-time via a radio modem. The advantage of this approach is that the customer network remains untouched and sensitive data are protected.

Compressed air data and energy management are permanently monitored and analysed in the KAESER PLANT CONTROL CENTER. This consequently makes predictive maintenance possible. Compressed air system downtime – and the associated impact on production – is therefore significantly reduced. This ensures maximum effectiveness and efficiency of the systems throughout their entire life-cycle.

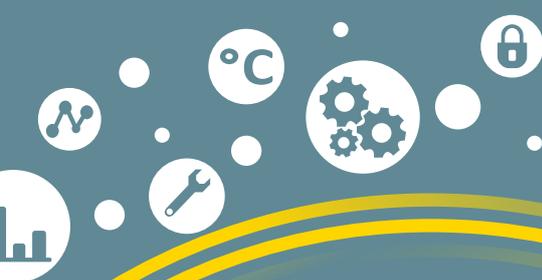


Core details at a glance

- ✓ **Fixed contract term (min. 5 years)**
- ✓ **Key data for ISO 50 001**
- ✓ **Billing based on compressed air generated**
- ✓ **Assured pricing**
- ✓ **KAESER Asset Management**
- ✓ **Inclusive of all repair work**



Compressed air station with SIGMA AIR MANAGER 4.0

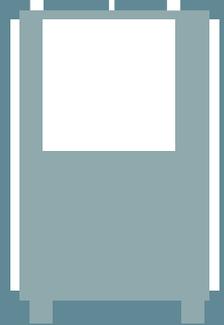
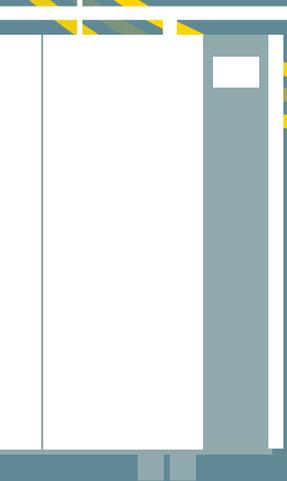
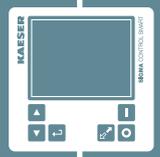


KAESER PLANT CONTROL CENTER

How it works: **SIGMA SMART AIR**



KAESER AIR SERVICE



Compressed air network ▶



What **KAESER** provides – What you provide

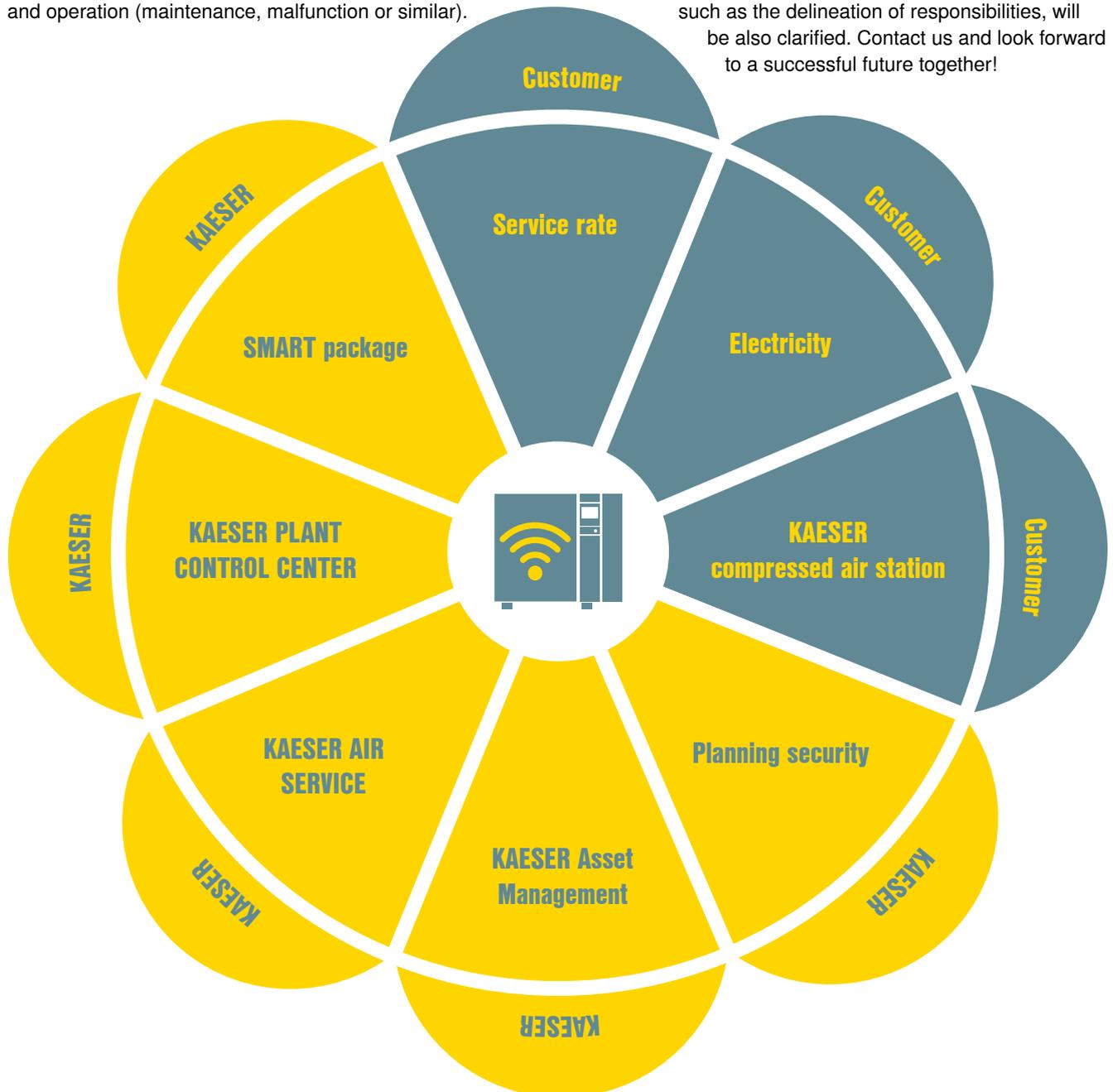
What **KAESER** provides

KAESER provides the necessary components so that you are able to take advantage of all the benefits that the SIGMA SMART AIR service package has to offer. With the SMART package, you receive access to KAESER Asset Management, which digitalises your compressed air system. The combination of KAESER AIR SERVICE and price stability throughout the contract term ensures that you are also on the safe side when it comes to planning and operation (maintenance, malfunction or similar).

What you provide

You don't need much to make your compressed air system SMART. In addition to a KAESER compressed air station with the SIGMA AIR MANAGER 4.0, all you need to provide is electricity – we will support you in your operator obligations. KAESER's service advisors will be happy to explain how you can make your compressed air supply even more reliable and efficient with SIGMA SMART AIR.

At the same time, detailed questions and information, such as the delineation of responsibilities, will be also clarified. Contact us and look forward to a successful future together!



The world is our home

As one of the world's largest compressed air system providers and compressor manufacturers, KAESER KOMPRESSOREN is represented throughout the world by a comprehensive network of branches, subsidiary companies and authorised partners in over 100 countries.

With innovative products and services, KAESER KOMPRESSOREN's experienced consultants and engineers help customers to enhance their competitive edge by working in close partnership to develop progressive system concepts that continuously push the boundaries of performance and compressed air efficiency.

Moreover, the decades of knowledge and expertise from this industry-leading system provider are made available to each and every customer via the KAESER group's global computer network.

These advantages, coupled with KAESER's worldwide service organisation, ensure that every product operates at the peak of its performance at all times and provides maximum availability.



KAESER KOMPRESSOREN SE

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