



June, 2023

MKE Expert Day – Uptime & Resilience

Our service expertise, your advantage

Let's put our heads together

**We keep the world
turning, while saving
energy every day**

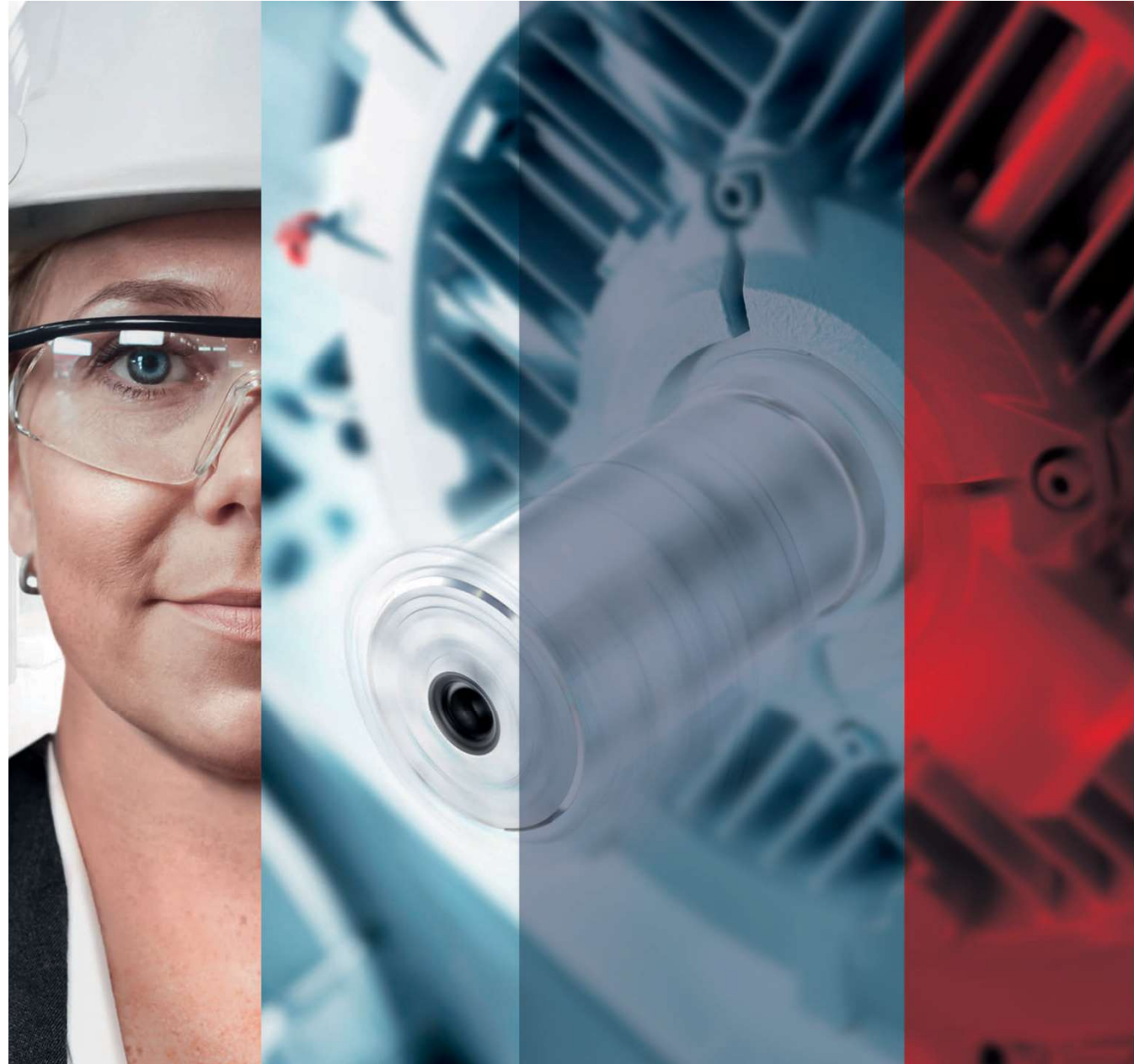


ABB Motion Services



We deliver a complete range of services and digital solutions

Drives
Kilowatts to
Megawatts

Low voltage
drives



Medium voltage
drives



**Electrical
Motors**
Kilowatts to
Megawatts

IEC
Motors



NEMA
Motors

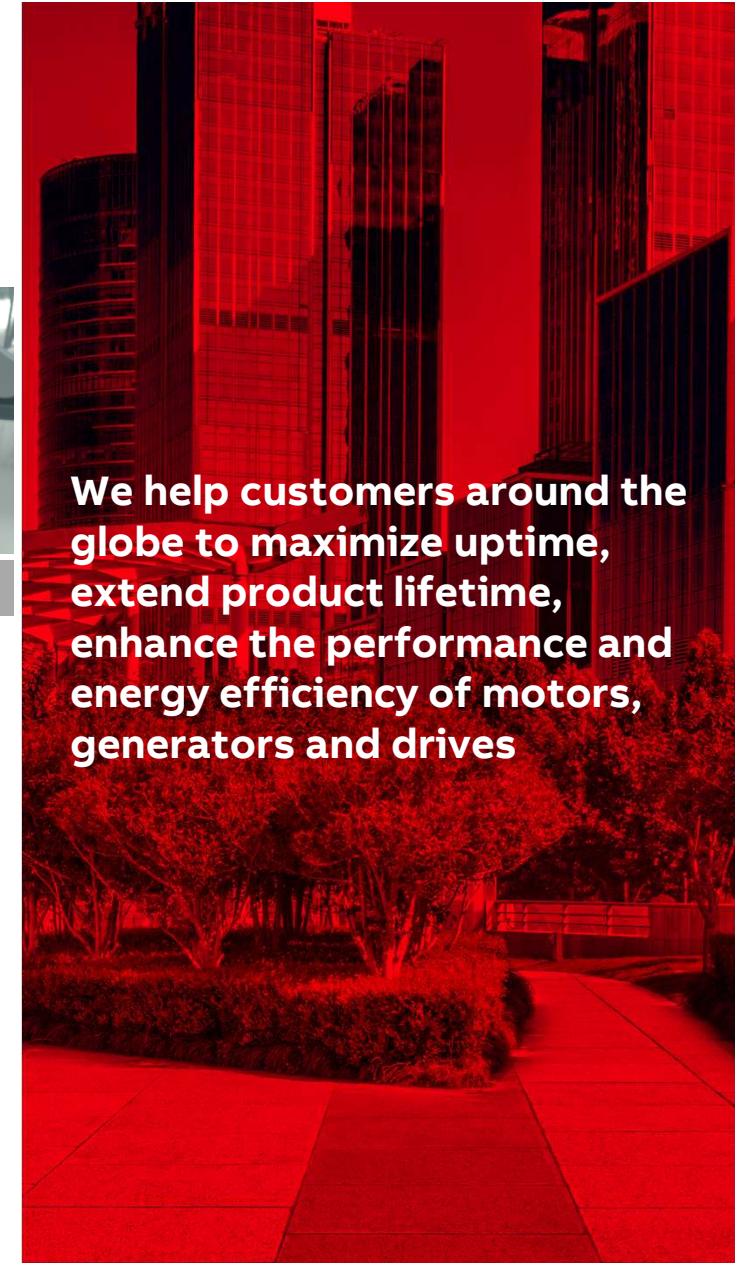


Large Motors
& Generators



ABB Ability™
Digital Powertrain

We help customers around the globe to maximize uptime, extend product lifetime, enhance the performance and energy efficiency of motors, generators and drives



Industry segments

Our extensive industry experience, combined with our global network of service experts, guarantees that you will always have a reliable partner nearby to support your market-specific needs



Scan the QR code to learn more
or contact your local ABB expert
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Renewables



Chemicals



Oil & Gas



Metals



Pulp & Paper



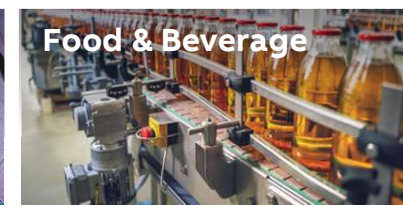
Cement



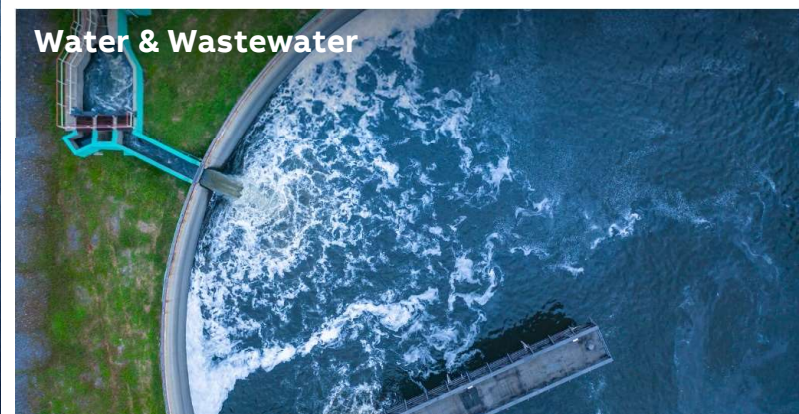
Mining & Minerals



HVAC



Food & Beverage



Water & Wastewater

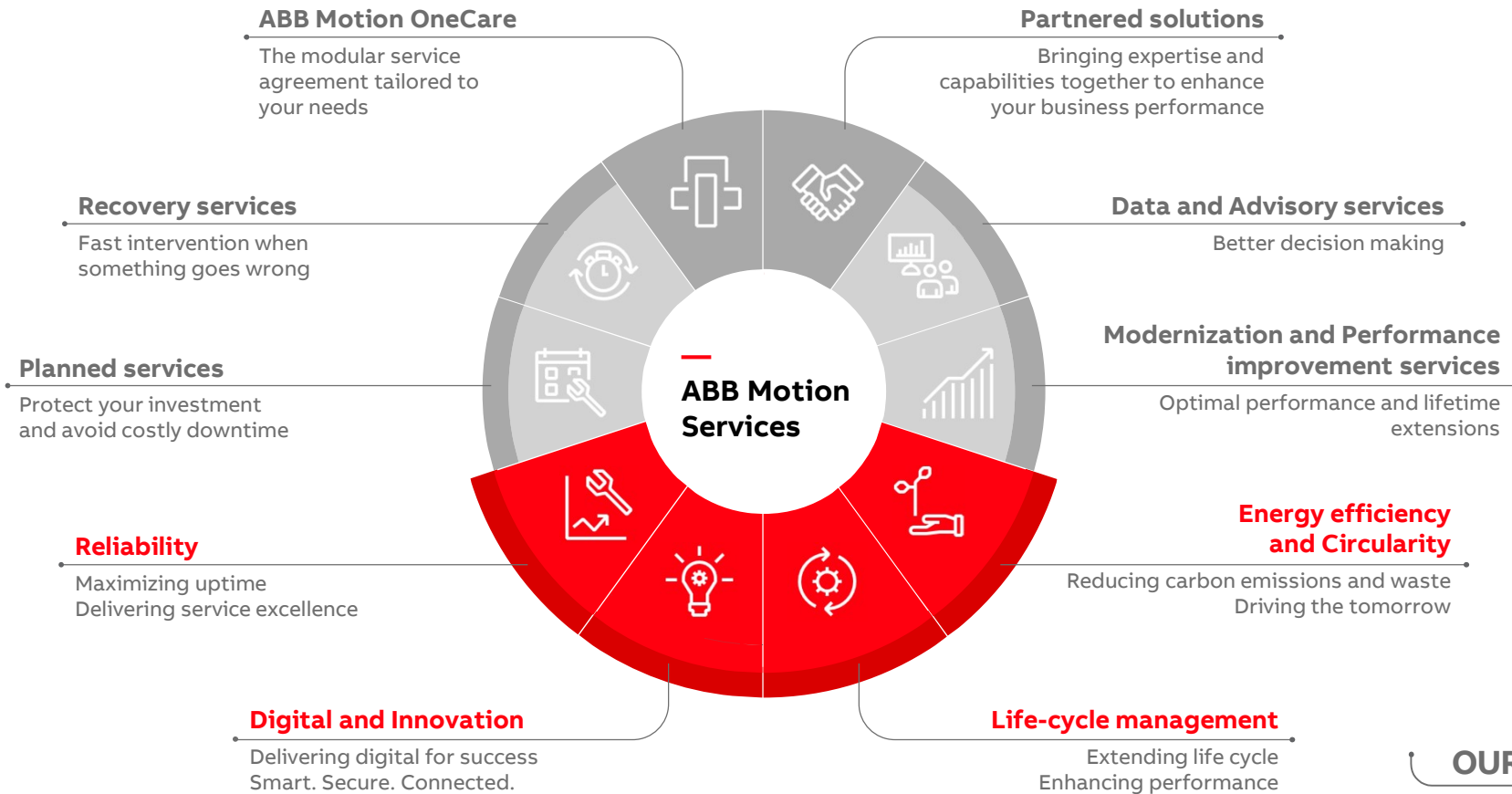


ABB Motion Services

HOW

WHAT

WHY



OUR EXPERTISE
YOUR ADVANTAGE

Reliability

Maximizing uptime

Delivering service excellence

Service engineers and partners at hand to support your needs, on-site or remotely, all day, every day

Maximizing operational uptime for your critical assets with planned maintenance, improved performance and continuous service availability

Fully tailored solutions for your operations, saving you money by avoiding costly downtime



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ABB Motion OneCare

Partnered solutions

Recovery services

Ensuring expert help is at hand for fast intervention when something goes wrong to minimize costly downtime

Planned services

Protecting your investment and avoiding costly downtime efficiently and effectively

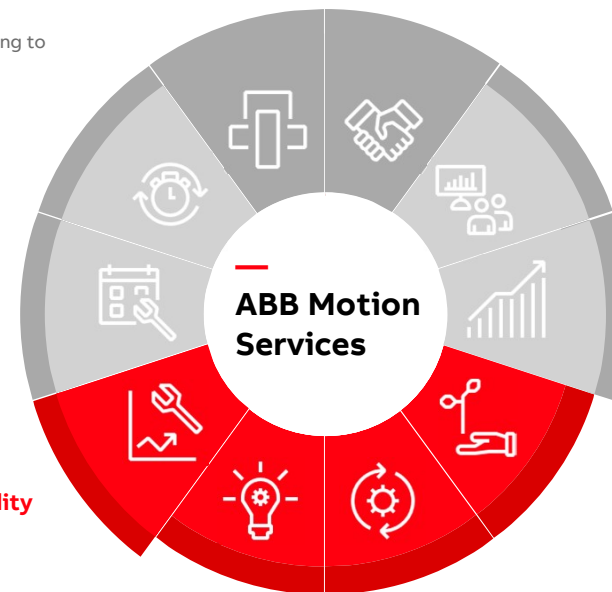
Data and Advisory services

Helping you make better decisions and maximizing availability

Modernization and Performance improvement services

Optimizing your equipment performance for all life-cycle stages with appropriate modernization solutions

Reliability



Life-cycle management



Extending life cycle

Enhancing performance

— Maintenance of critical assets to ensure aging equipment keeps operating at peak performance

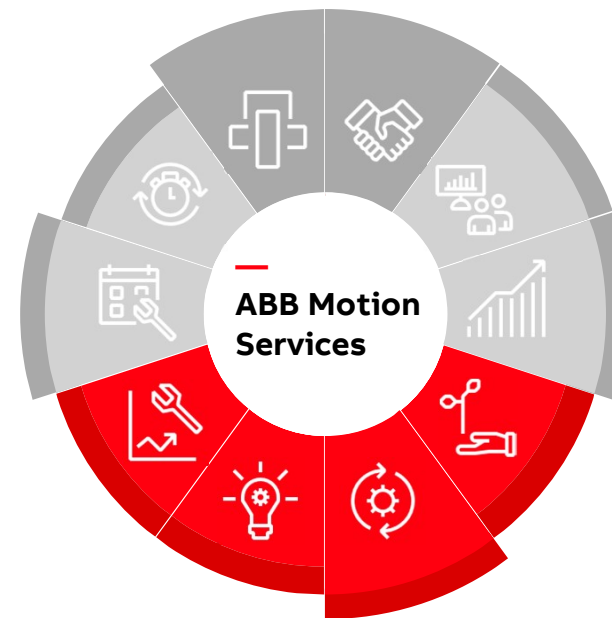
— Ensuring a seamless transition between old and new products

— Taking advantage of secure digitalization to maximize energy efficiency

— Circularity approach to avoid premature scrapping, including end-of-life services to assist with disposal and recycling

ABB Motion OneCare

Partnered solutions



Planned services

Appropriate maintenance paths to upgrade the reliability and performance of the equipment

Data and Advisory services

Stay one step ahead with accurate, real-time information about energy consumption and performance of critical assets

Modernization and Performance improvement services

Modernization of existing equipment to extend asset life, optimize performance, and reduce operational risk

Life-cycle management



Scan the QR code to learn more or contact your local ABB expert solutions.abb/motionservices

Digital and Innovation

Delivering digital for success

Smart. Secure. Connected.

—
Smart and secure solutions that optimize operations, minimize unexpected downtime of your assets and reduce health and safety risks

—
Deeper insight into the health of your assets for effective life-cycle management and reduced energy consumption

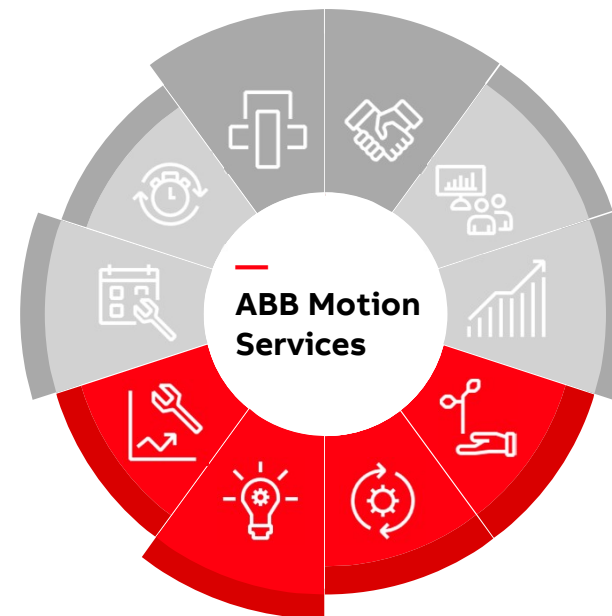
—
Enabling new business models with partnership benefits that go beyond the traditional buyer and supplier relationship



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ABB Motion OneCare

Partnered solutions



Planned services

Increasing equipment uptime and performance, while lowering overall operational costs and **guaranteeing planned output**

Data and Advisory services

Helping you make better decisions and maximizing availability. From condition-based maintenance to energy efficiency and optimized productivity

Modernization and Performance improvement services

Delivering potential savings, improved energy efficiency and performance through **data driven solutions**

Digital and Innovation

Energy efficiency and Circularity

Reducing carbon emissions and waste

Driving the tomorrow

Expert knowledge and solutions to maximize your energy efficiency and facilitate carbon neutrality

Reduce waste and improve the sustainability of your operations while working towards a circular economy

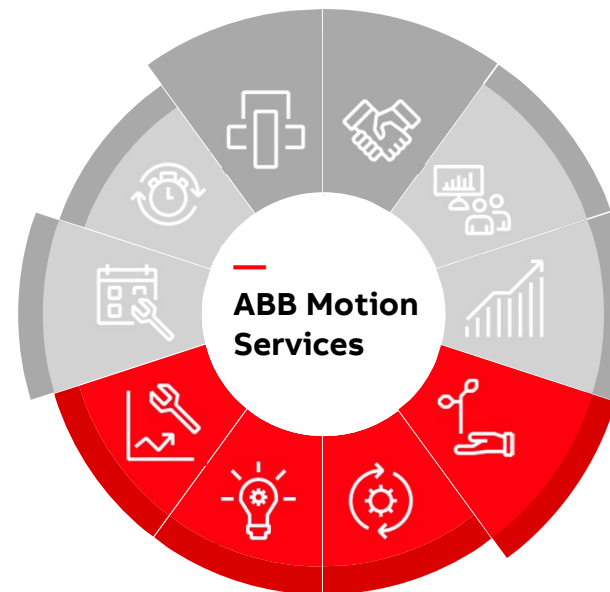
Digital solutions to modernize your business transformation and help you stay energy efficient



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ABB Motion OneCare

Partnered solutions



Planned services

The proper maintenance schedule enables the highest level of efficiency and reduces potential waste throughout the life cycle of your equipment

Data and Advisory services

Determine the optimal balance between energy savings, minimizing waste and reducing carbon emissions

Modernization and Performance improvement services

Improve the performance of your assets, reduce waste and improve energy efficiency

Energy efficiency and Circularity

ABB Motion OneCare agreement

ABB Motion OneCare agreement is a customized service agreement that provides the life-cycle services necessary to keep your equipment operating reliably



Cost effective maintenance strategy with long-term planning for maximize asset performance



Ensured performance with service expertise to match your equipment's predictive and unpredictable needs, giving you peace of mind



Partnering for success within a single contract for easy management of your assets and business needs



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ABB Motion OneCare



Partnered solutions

We bring our expertise and capabilities together to enhance your business performance



Training and certifications

Supporting your business with the highest-level training.



Service platforms and tools

Determine and supply the right platforms and tools to effectively service and monitor the performance of your assets



Parts, kits, and products

Continuous availability of parts, kits and needed materials to maintain your facility performance and keep your assets running



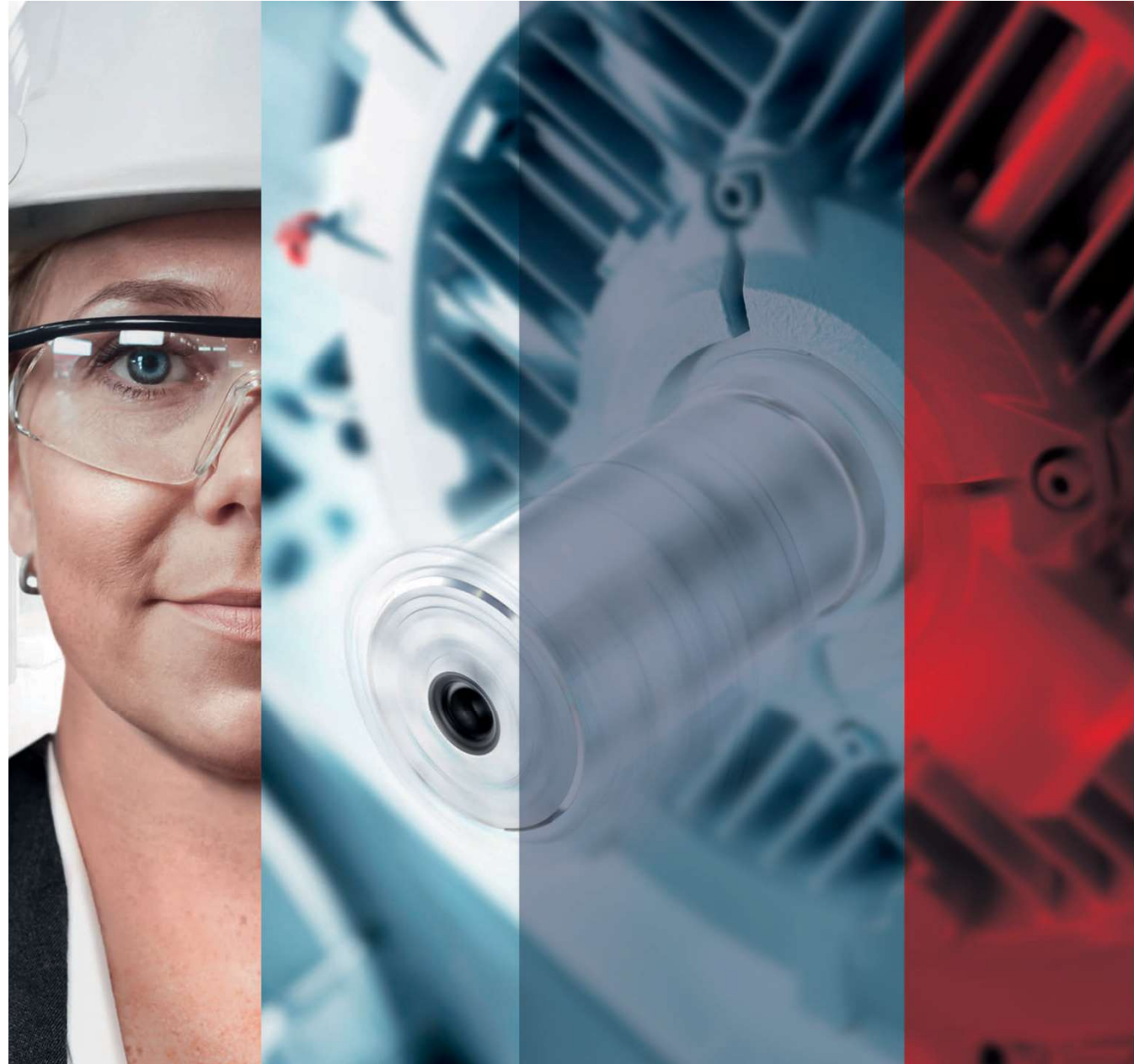
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Partnered solutions



—
...the detail



Life-cycle management



Extending life cycle

Enhancing performance

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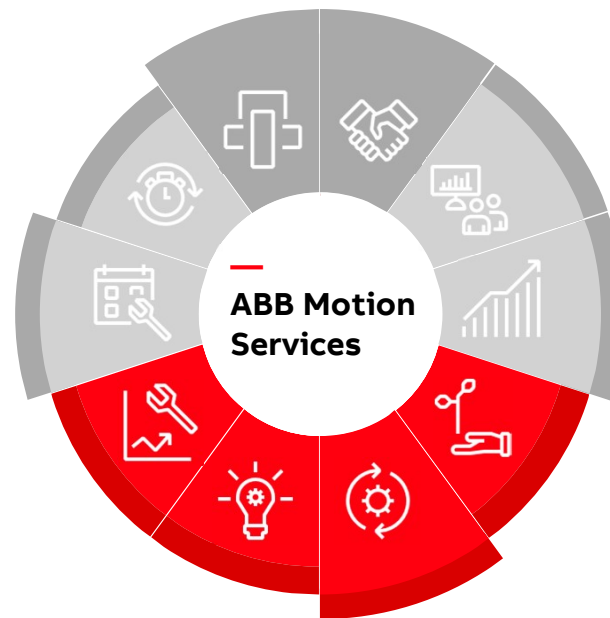
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Partnered solutions



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Life-cycle management



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Life-cycle management



Extending life cycle

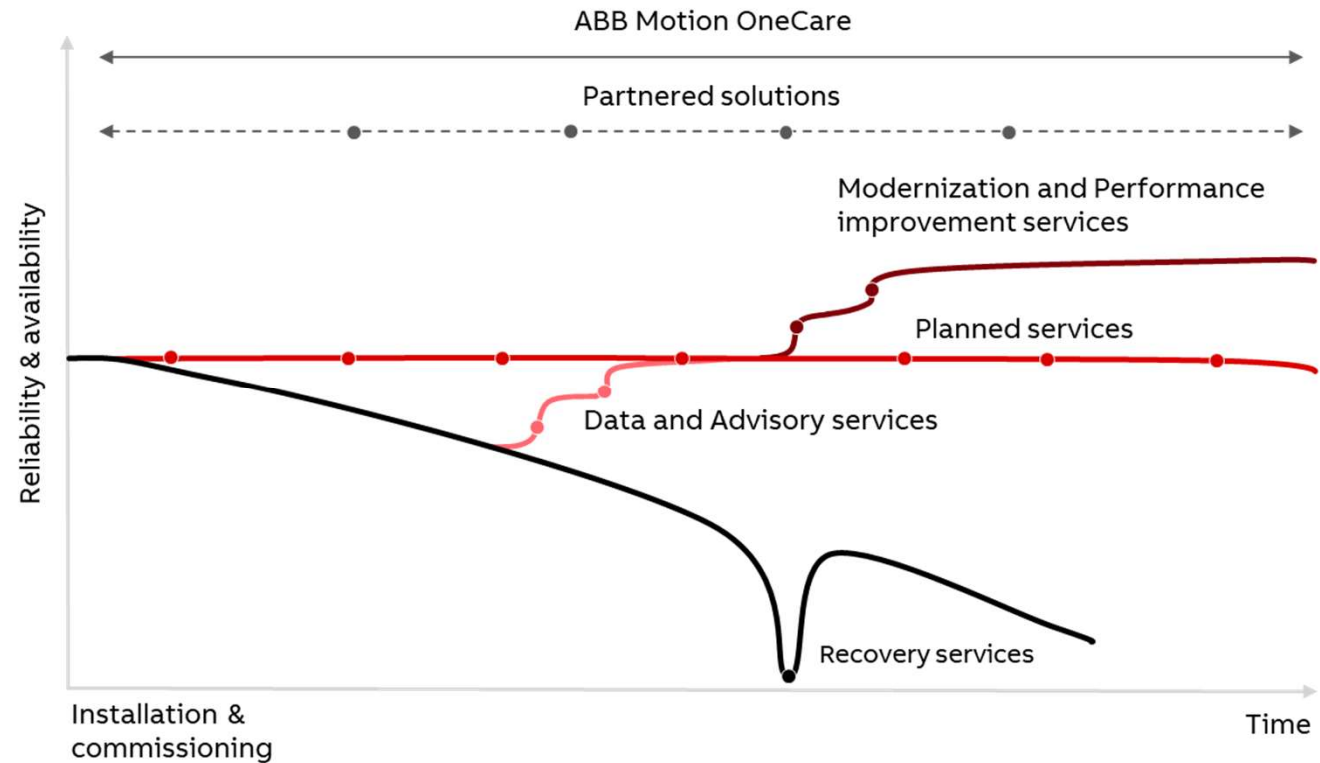
Enhancing performance

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Life-cycle management



●
Full range of life-cycle services and support
●
Limited range of life-cycle services and support
●
Replacement and end-of-life services
●

Product

Product is in active sales and manufacturing phase

Serial production has ceased. Product may be available for plant extensions, as a spare or for installed base renewal

Product is no longer available

Product is no longer available

Services

Full range of life-cycle services is available

Full range of life-cycle services is available. Product enhancements may be available through modernizations

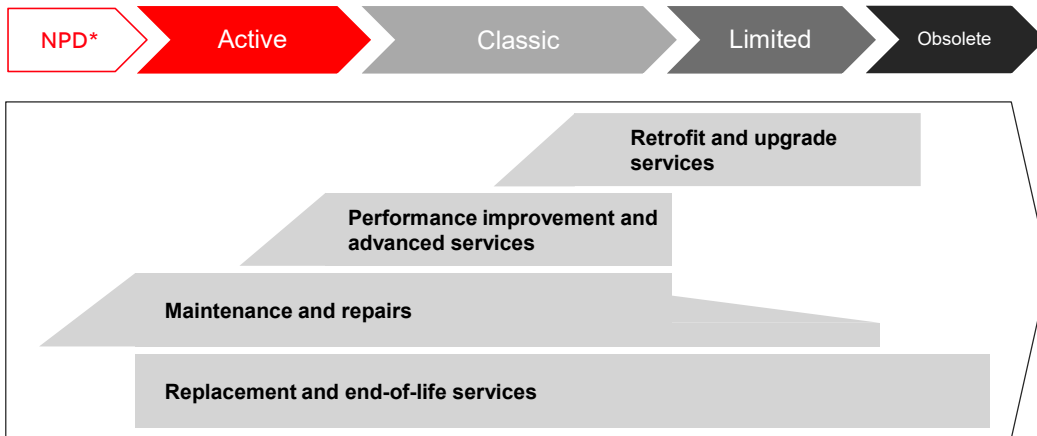
Limited range of life-cycle services is available. Spare parts availability is limited. Longer lead times to be expected

Replacement and end-of-life services are available

ABB Drives life cycle management

Life cycle phases and related service products

Services availability



Service Products



ABB Drives life cycle management

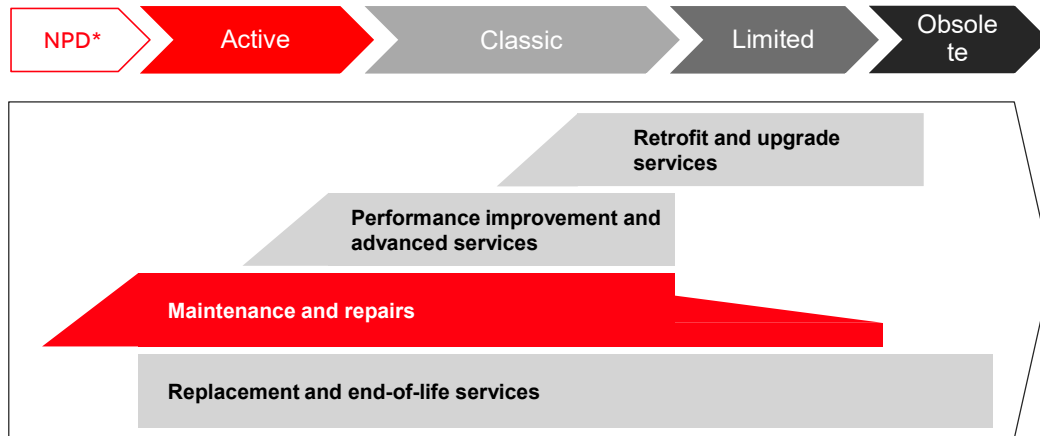
Life cycle phases and related service products



ABB Drives life cycle management

Life cycle phases and related service products

Services availability



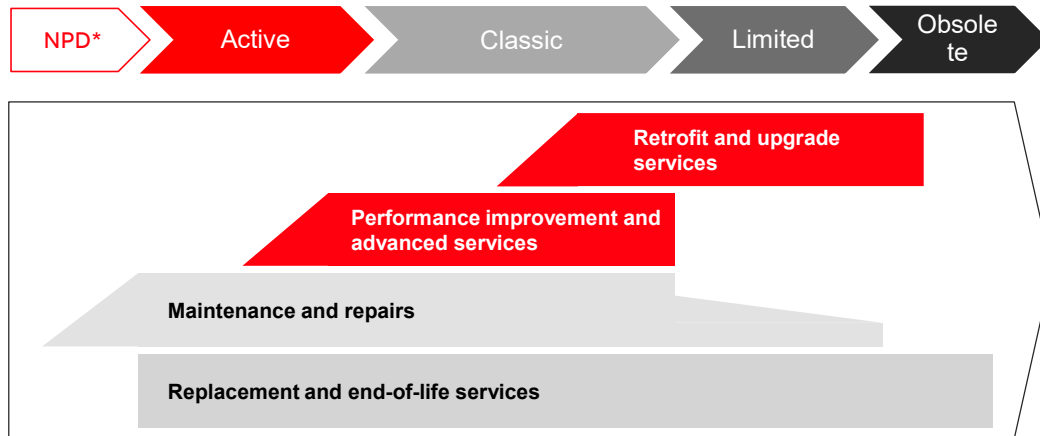
Service Products



ABB Drives life cycle management

Life cycle phases and related service products

Services availability



Service Products



Modernization solutions for LV AC drives

Let us to help you to select best option for your needs

Replacements

Bringing the old (Classic, Limited, Obsolete) drive back to Active phase without changing the cabinet and existing motor and control cabling.



Whole cabinet replaced

Retrofits

Replacing an old (Classic, Limited, Obsolete) drive with new Active or Classic product



All components inside the cabinet replaced

Upgrades (control/main board/module)

Selected components or drive modules of the older drive platform are replaced. Components or drive modules are updated with the latest technology.

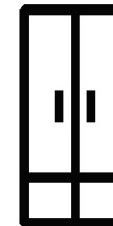


Selected drive boards replaced

Drive control board replaced

Non-ABB Modernization

We modernize selected non-ABB drives to a current & supportable control or drive platform



Any variations of modernization can be done

Modernization solutions for LV AC drives

ACS800 single drive



The service modernizes the existing ACS800- 07, -17 or -37 drive with digital state-of-the-art ACS880 technology without the need to fully replace the drive cabinet. The **modular modernization** concept optimizes costs and minimizes the downtime of your operations.

ACS600 single drive/multidrive ACW600 water-cooled drive



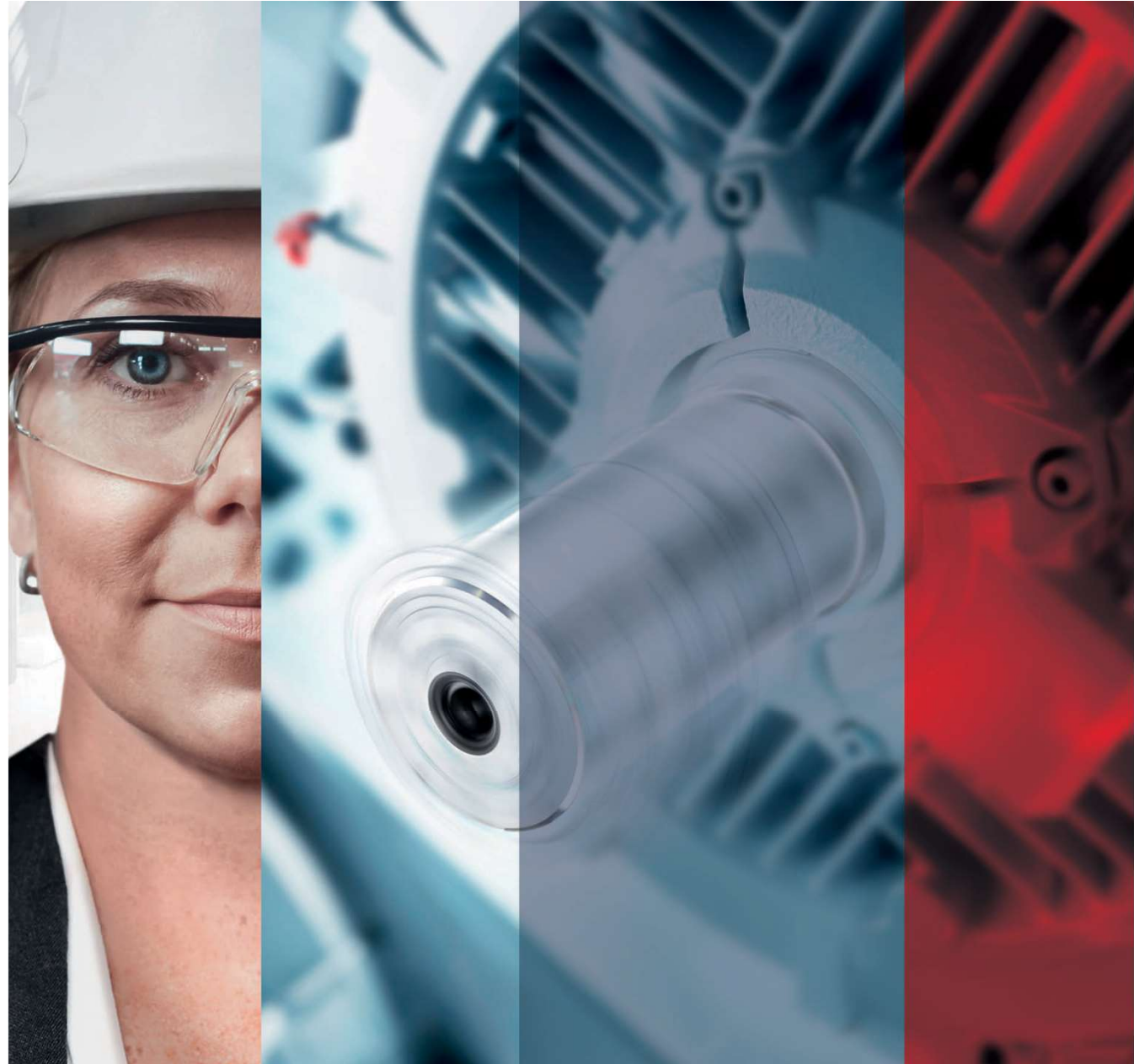
ABB offers a variety of solutions to modernize your existing ACS600 cabinet-built drives with ACS880 technology. Depending on the power and the type of drive, only the drive module and necessary control connections are changed. For larger power single drives as well as for multidrive all the components inside the cabinet are **retrofitted** to ACS880 technology.

ACV700/SAMISTAR drive



ACV700 and SAMISTAR drives are in the Obsolete life-cycle phase, which means there are no spare parts, maintenance or support services available. With **retrofit service**, ABB can help you to upgrade these drives back to the Active life-cycle phase and ensure support for years to come.

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