



Multi-axis system
for automation solutions

SystemOne CM

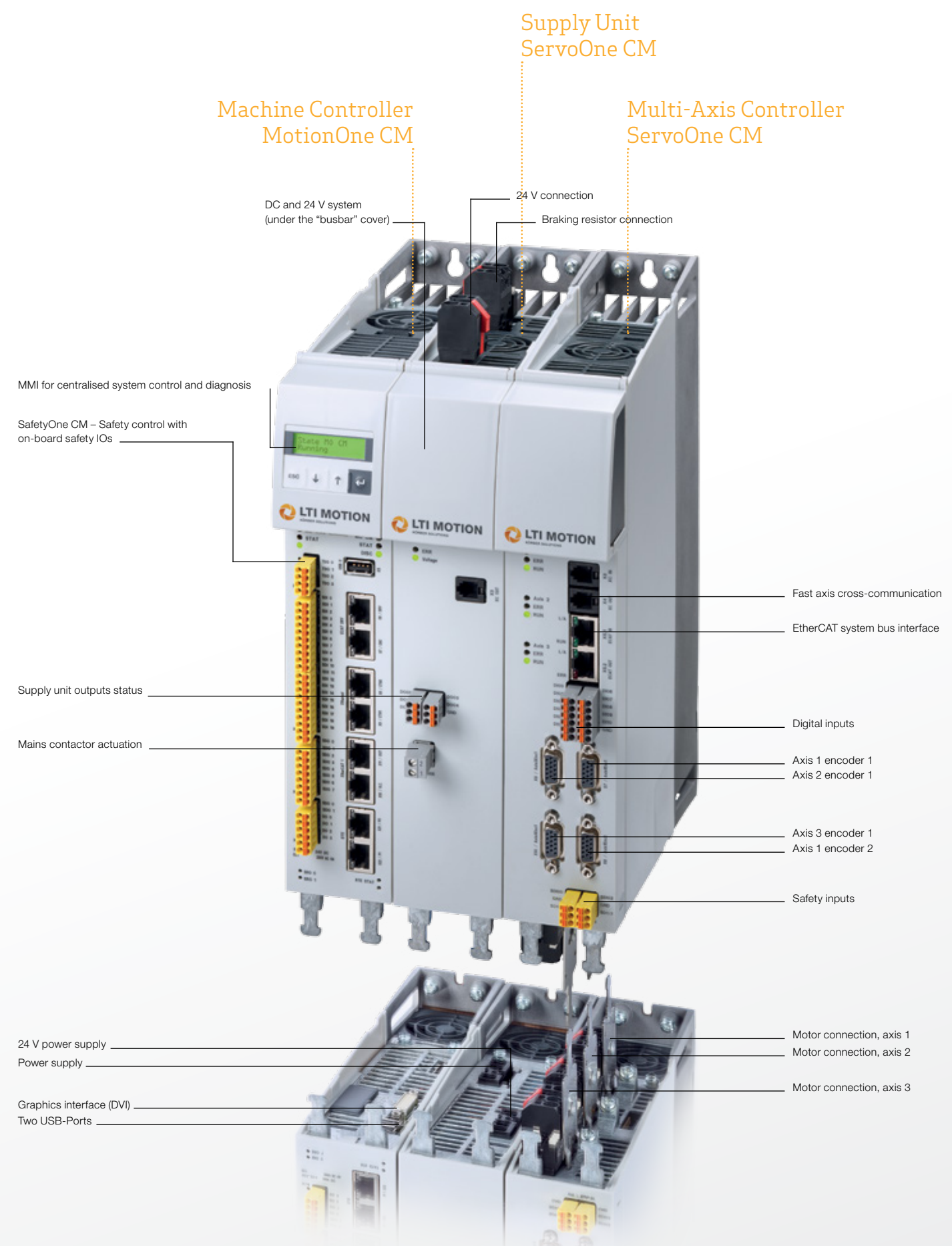
SystemOne CM.

Multi-axis system for automation solutions.

The demands placed on machinery of the new generation are continually increasing: They need to be faster, smaller, more precise, more cost efficient and above all, safer. LTI Motion has now united these seemingly contradictory properties into a single system in a revolutionary way.

Its compact integration of machine controller, supply unit and multi-axis controller, along with completely new standards when it comes to flexibility, safety, dynamics, precision and simplicity make the SystemOne CM stand out from the rest. Are you ready to a revolutionary in your field?

- ✓ Machine Controller
- ✓ Multi-Axis Controller
- ✓ Functional Safety
- ✓ Motors
- ✓ Tools



LTI Motion.

Your reliable solution provider in machine automation.

The entire LTI Motion team always endeavors to provide you, the customer, with the best possible solution. The LTI Motion product spectrum ranges from the machine controller through multi-axis controllers and motors, right up to accessories – enabling us to provide you with individual, customized solutions for your machinery and industry. Our product range includes, among other things, automation systems such as the SystemOne CM. Our product range includes automation systems such as the SystemOne CM, single- and multi-axis systems, controllers and safety controllers and high speed drive systems with and without magnetic bearing.

Our automation offer for your machine
The LTI Motion product portfolio ranges from complete automation systems through high-end drive solutions, right up to all individual components needed for automation. Based on these system components, LTI Motion creates solutions for a wide variety of demanding single- and multi-axis applications that meet the highest performance and cost-efficiency requirements.



Innovative technology.

Highest service quality at your side for over 40 years.

New technologies and above all, the ability to implement these innovative products is the basis for LTI Motion's success in all areas of business. We do not move within strictly set boundaries, but rather set new standards in order to develop technologically cutting-edge products of the highest quality standard. With our comprehensive product range and excellent services, we have been accompanying our customers on their way to success for over 40 years.



More compact

Integration is the key to success. The unique three-axis control from LTI Motion therefore only has one housing, one control electronics unit and one switching power supply. This provides the best possible cost effectiveness and a 75 % space saving compared to single-axis systems.



More flexible

With SystemOne CM's individual function packages, you can choose the best controller to meet your needs. Whether standard PLC, CNC or robotics – we have already integrated the right controller.



Safer

SystemOne CM has a fully-fledged safety controller that can be equipped with up to 32 safe, on-board I/Os and which permits very economic safety solutions. Another highlight is the safe human-machine interaction in the work area.



More dynamic + precise

One of the most important key characteristics of a machine is its productivity. The higher the output per time unit, the more economical the machine is. SystemOne CM incorporates a whole range of functionality and features aimed at increasing the dynamics and precision of machinery.



Simpler

Compared to conventional solutions, the time and effort needed for installation are greatly reduced, thanks on the one hand to the low number of components needed, and on the other to the fact that they can be connected with each other by means of a time saving, simple connection system.

Each axis module has a high-performance ASIC per axis controller. With these 3 ASICs, SystemOne CM has no cut in computational power compared to a single-axis controller. Together with the noise suppression function, this leads to an excellent control performance and a precision that reaches the limits of what is physically feasible.

