

MachineStruxure

Improve your machine and business performance

OEMs challenges

- Reduce development costs
- Manage order related adaptations and modifications
- Get long term availability & reusability
- Build innovative, easy to use, safe & energy efficient machines
- Shorten time to market

MachineStruxure answer to OEMs challenges

MachineStruxure helps machine builders, design **more energy efficient and cost effective** machines and installations whilst maximising their performance.

Based upon tested, validated and innovative **architectures**, MachineStruxure incorporates

- > **flexible and scalable hardware platforms** and
- > a comprehensive **single software suite** with application function block libraries

Flexible Machine Control

Controller Platform



SoMachine software



Validated architectures & functions

Automation Architectures



Automation function blocks

Machine solutions



Application modules and function blocks

End-to-end services & support



Services experts in:

- Co-design
- After-sales

Machine truxure and Energy Efficiency

We already deliver Energy Efficient & sustainable solutions:

Softwares & functions:

- Dimensioning of Motors
- Eco2 energy saving calculator
- Advanced control for HVAC ...

Services:

- Co-engineering
- Energy Efficiency consulting ...

Products:

- High Efficiency Motors
- Drives (regeneration functions)
- Power meters
- Mechatronic solutions ...

Flexible Machine Control

Architectures & functions

End-to-end Services & support

Flexible Machine Control

> ONE Single software suite

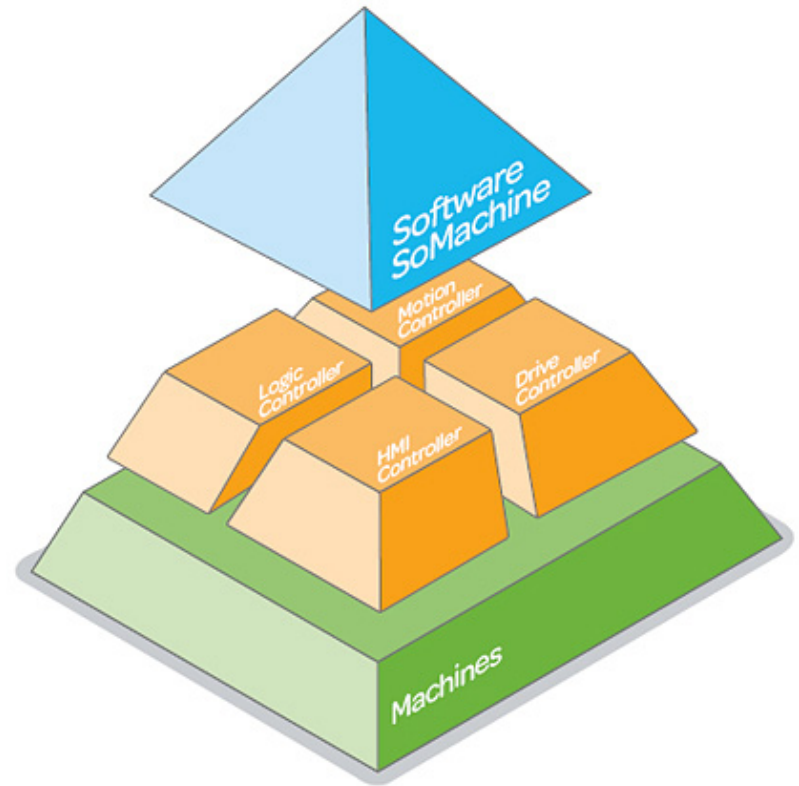
- One software
- One project file
- One connection
- One download

Simplify machine programming & commissioning with SoMachine Suite

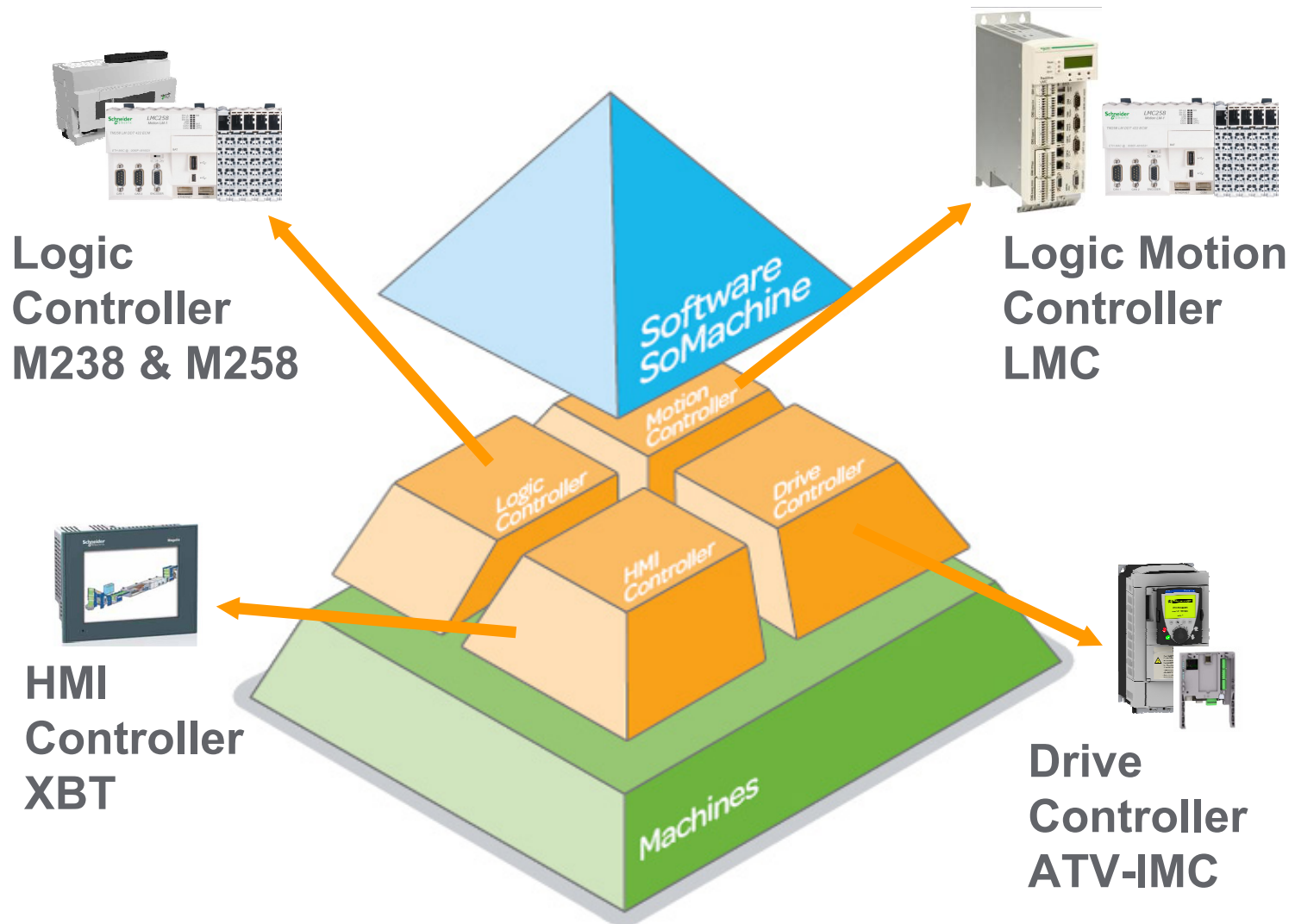


> Hardware Control Platforms

Embedded Intelligence
where it is needed



Flexible Machine Control - Controllers



Flexible Machine Control - SoMachine

- One Software, one connection, one file, one download, one data-base.
- Configuration, engineering, put in operations, diagnostic and maintenance
- Engineering of Controllers, HMI, Drives, networks and fieldbus
- Toolbox and Application Function Block libraries



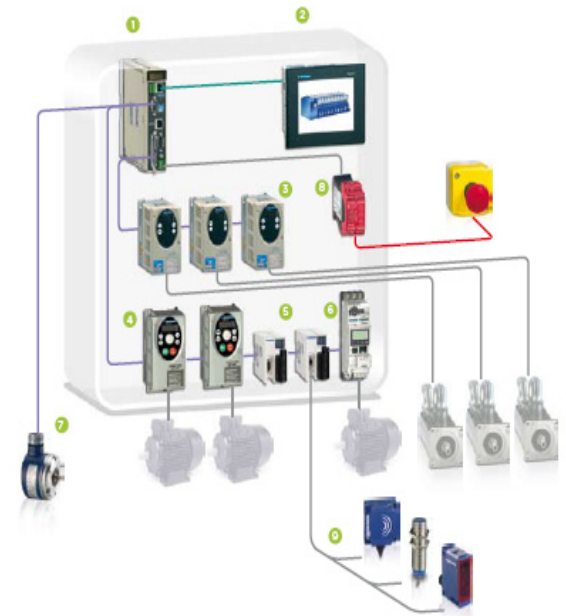
Flexible Machine Control

Architectures & functions

End-to-end Services & support

Automation architectures for machines

- For different classes of machines
- For different application segments
- Tested, validated and documented
- As start-up applications for SoMachine



Application modules and function blocks

- For generic automation functions
- For specific application segments
 - Packaging
 - Hoisting
 - Conveying
 - HVAC
 - Textile
 - Lift & escalators



Packaging



Conveying



Hoisting



Textile



HVAC



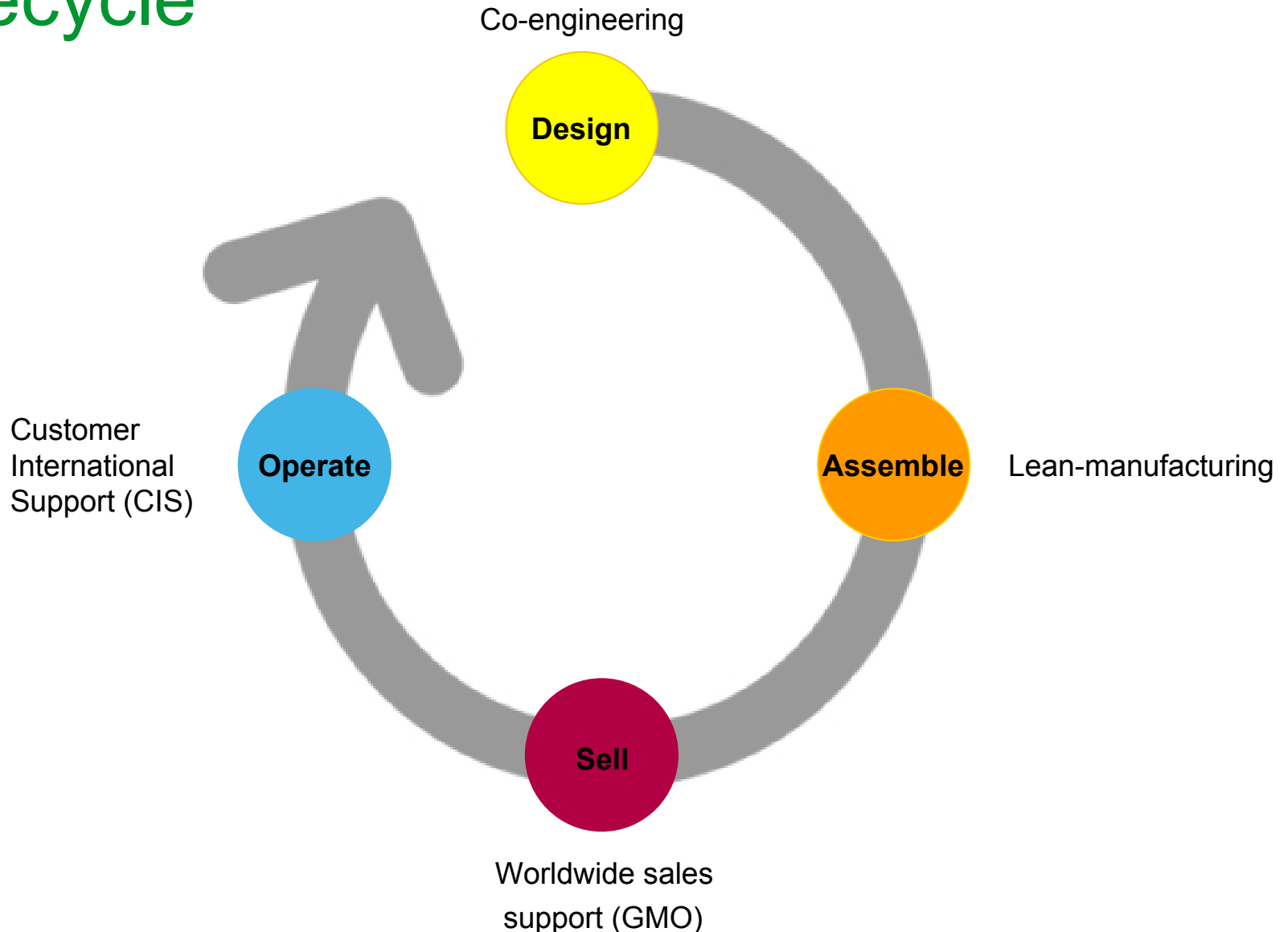
Lift & escalators

Flexible Machine Control

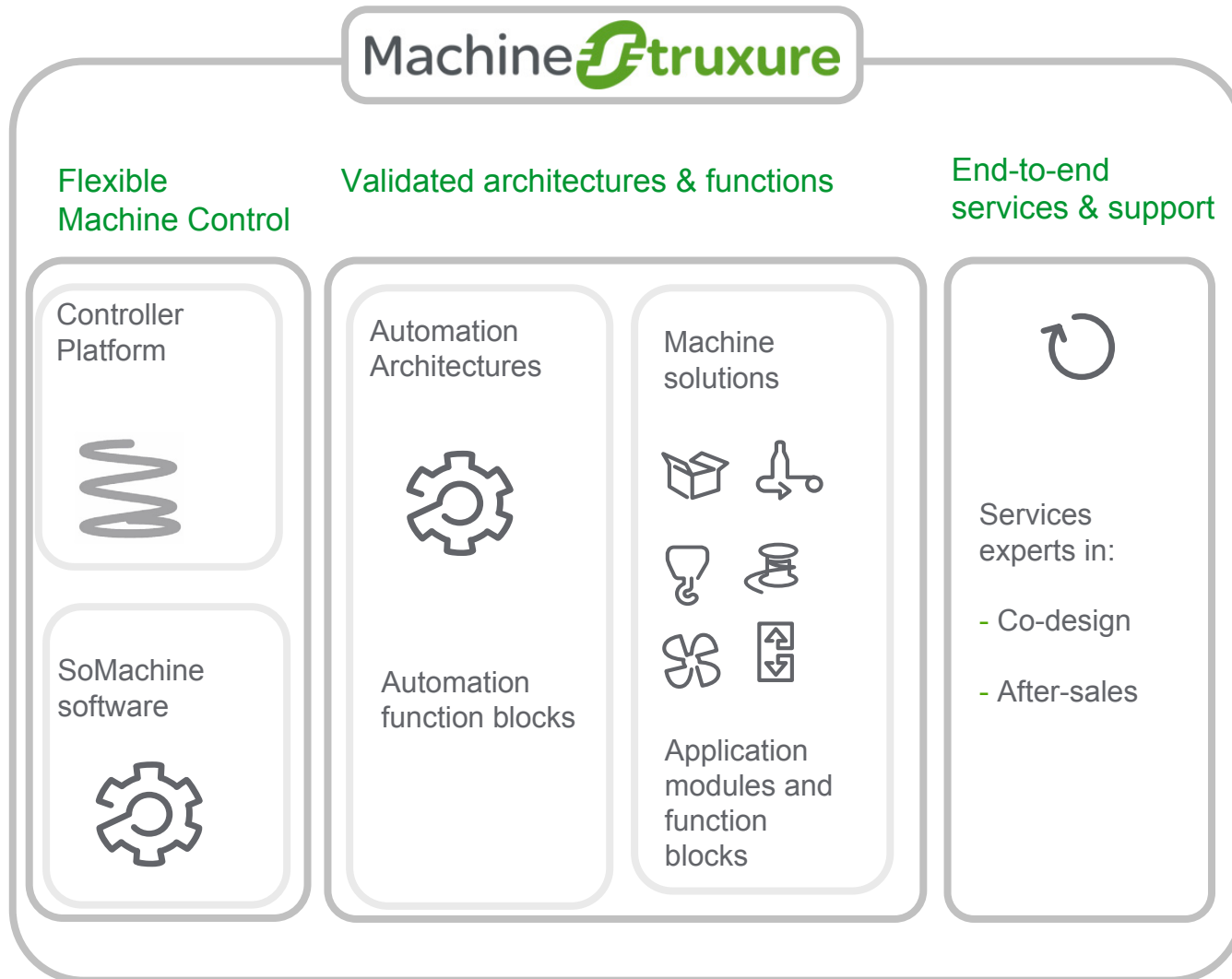
Architectures & functions

End-to-end Services & support

Value proposition all over the machine lifecycle



Design expertise, validated architectures, single software, all in **ONE** energy efficient solution: MachineStruxure!



Make the most of your energy