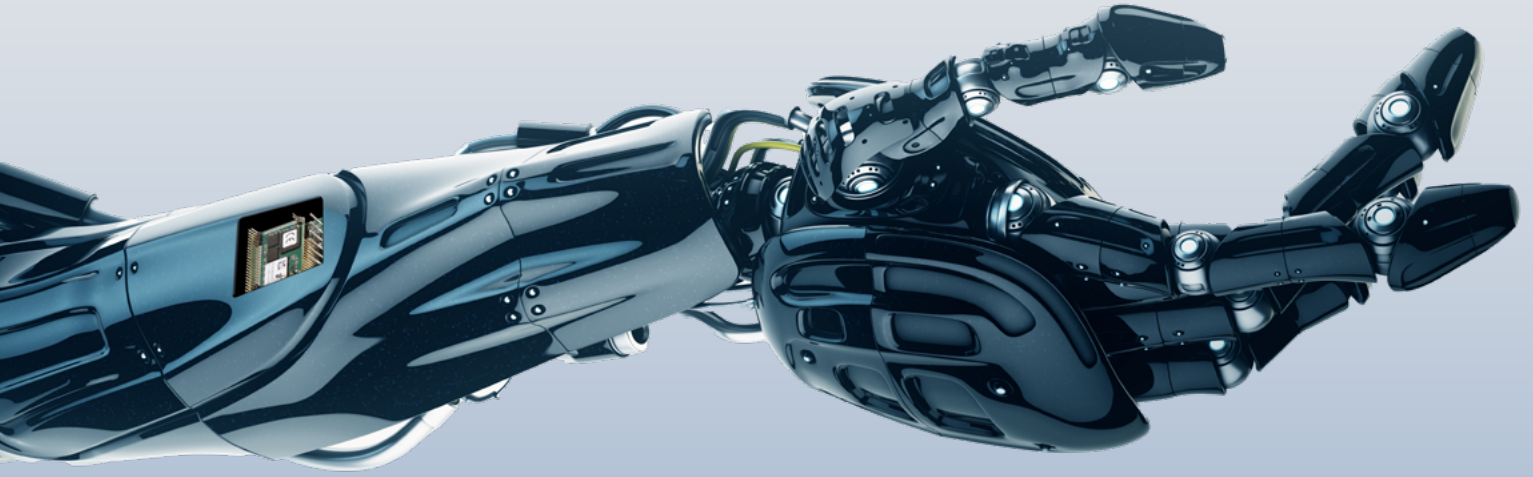


Platinum **Line**



Where Motion Matters

Make your machine faster, smarter, safer, and smaller with the motion control technology used by the world's leading OEMs.



Platinum
by **Elmo**

See why we are different

Why Elmo

Innovation delivered

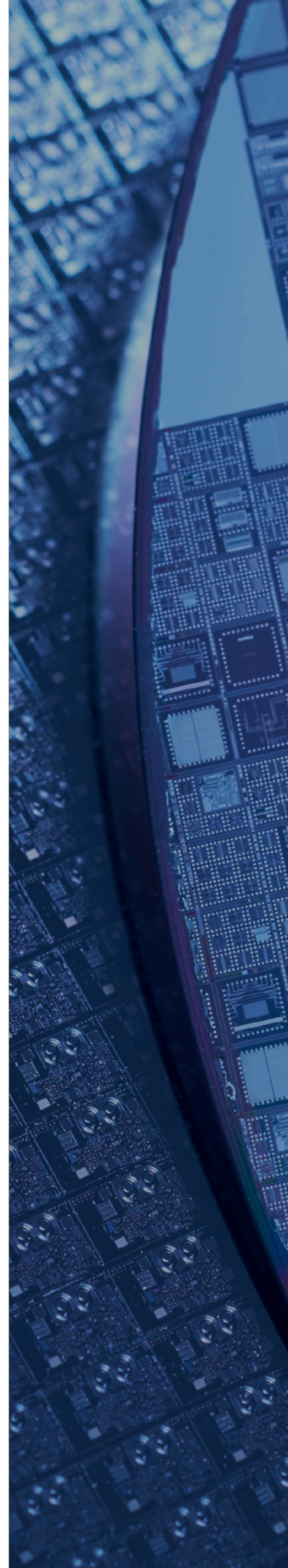
Our drives are in the field every day enabling the most technically demanding and mission critical applications, from semiconductors to space.

By engineers for engineers

Elmo exists because motion control is our passion. The only thing we're more passionate about is helping you get our drives into production.

The right drive for every application

With the largest catalog of compact, high-performance servo drives and motion controllers, Elmo can drive any motor, with any feedback, on any bus.



Any Motion. Any Application

Elmo motion control is designed for all types of industries for a wide range of applications including:



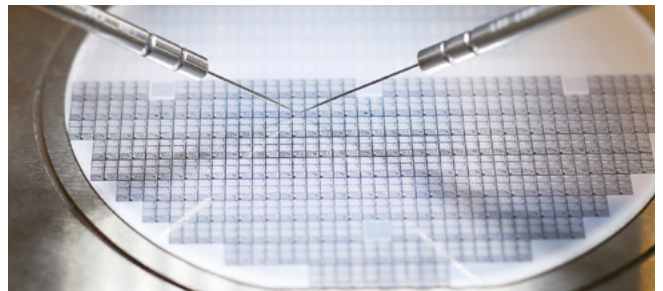
Life Sciences



AGV & Smart Warehouse



Industrial Automation



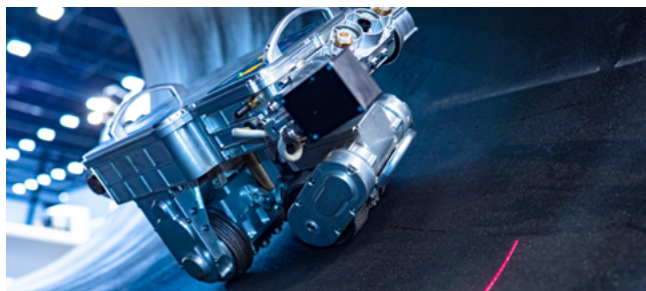
Semiconductor



Printing & Packaging



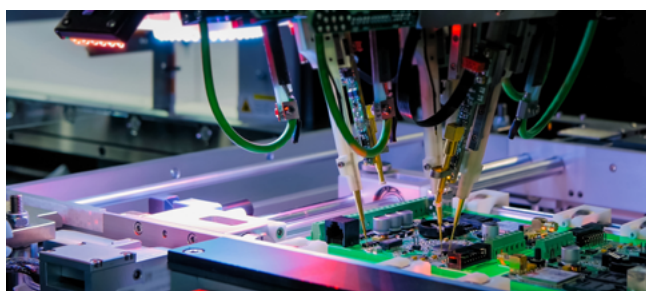
Extreme Environments



Robotics



Laser Cutting



Electronics

Platinum Line | Servo Drives

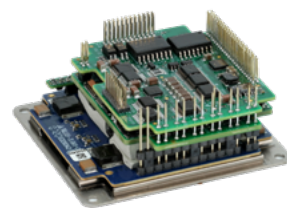
Platinum Bell

Mastering Motion for any Motor

- > Up to 25A/100V & 9A/200V
- > Up to 2kW of Continuous Power
- > Brushless, Stepper or 2 X Voice-Coil



Platinum Solo Bell



Platinum Bell

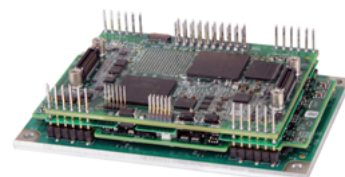
Platinum Quartet

Miniature Solution, 4-Axis Motion Control System

- > Up to 4 x 25A/100V & Up to 4 x 35A/200V
- > 4 x 5100W servo drive module (Up to 8kW total)
- > 4-Axis motion controller



Platinum Solo Quartet

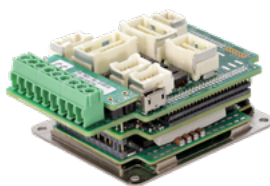


Platinum Quartet

Platinum Whistle

Mini Size Powerful Servo Drive

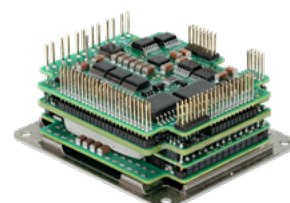
- > Up to 25A/100V & 9A/200V
- > Up to 2kW of Continuous Power



Platinum Solo Whistle



Platinum Solo Whistle with Safe I/O



Platinum Whistle

Platinum Twitter

Where Size Meets Unmatched Power and Performance

- > Up to 80A/80V, 70A/100V, 35A/200V
- > Up to 5.6kW of Continuous Power
- > Smallest Most Powerful Servo Drive



Platinum Solo Twitter



Platinum Solo Twitter with Safe I/O



Platinum Twitter

Platinum Solo Triple Twitter

World Highest Power Density Servo Drive

- > Up to 270A/60V, 240A/80V, 210A/100V, 100A/200V
- > Up to 17kW of Continuous Power



Platinum Solo Triple Twitter

Platinum Line | Servo Drives

Platinum Jori

SiC Technology, Unmatched Power & Compactness

- > Up to 30A/800VDC
Up to 20kW Continuous Power
- > Up to 60A/800VDC
Up to 40kW Continuous Power
- > SiC (Silicon Carbide) Power Stage



Platinum Jori 30A



Platinum Jori 60A

Platinum Cymbal

High Power, Compact Footprint

- > Up to 270A/60V, 240A/80V,
210A/100V, 100A/200V
- > Up to 17kW of Continuous Power
- > Rugged Package Servo Drive



Platinum Cymbal

Platinum Bassoon

AC Power, Ultra Compact Metal Servo Drive

- > Up to 10A/230VAC
- > Up to 3.25kW of Continuous Power
- > Brushless, DC Brush, Linear Motors or Voice-Coil



Platinum Bassoon

Platinum Harmonica

Built to Power Any Motor

- > Up to 50A/100V & 35A/200V
- > Up to 2kW of Continuous Power
- > Brushless, Stepper or 2 X Voice-Coil
- > Slim Metal Design Servo Drive



Platinum Harmonica

Platinum String Quartet

Ultra Compact 4-Axis and Motion Controller

- > Up to 4 x 16A/400V
- > Up to 5.5kW per axis
- > Motion Controller
- > Space Saving Metal Servo Drive



Platinum String Quartet

Platinum Cimbasso

Extreme Power in a Tiny Metal Package

- > Up to 50A/800V
- > Up to 32W of Continuous Power



Platinum Cimbasso

Platinum Line | Controller

Platinum **Maestro**

- > Up to 256 axes of motion
- > Advanced multi-axis control
- > Motion without programming
- > Enhanced field bus support



Platinum Maestro

Platinum Line | Software Tools

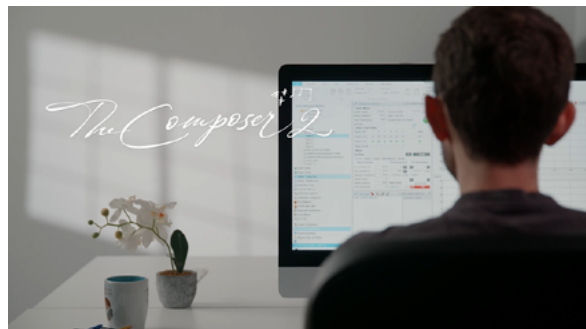
EASIII (Elmo Application Studio)

- > A software tool that walks you through implementation.
- > Configures programs, maintains, and analyzes every feature and capability in Elmo's servo drives and motion controllers.
- > Designers can easily implement specific motion control needs.

EASIII
Elmo Application Studio

COMPOSER2®

- > Unique software tool allowing engineers to execute their own designed software.
- > A powerful tool enabling machine designers to easily develop, test and implement their own control algorithms.
- > The composed code is cross-compiled and downloaded directly on the Platinum drives and motion controller for testing and executing in real-time environments.



Platinum Technology Highlights



Perfect machine
synchronization



Faster
development



Award winning
settling times

4000:1
Wide Dynamic Range

Optimally move
any load

35X30_{MM}
Miniture Modules

Mount
anywhere



Run your own
algorithms from
MATLAB

Fast and Soft
Switching
Technology



Smaller, more
powerfull
machines

256
Axes of Motion

Multi-axis
capabilities

Enhanced Servo Performance

- > Faster • More responsive • Higher resolutions • Additional algorithms for better control

Single Drive - Multi-Axis Control

- > Drive 2 from a single core, 3 & 4 axes on Platinum Quartet

Enhanced EtherCAT Networking

- > Faster cycling • Full synchronization of EtherCAT to position, velocity and current loop • Negligible jitter • Near-zero latency

Certified Safety, Functional Safety & FSoE

- > EN 61508 • EN 61800 • IEC 61784 up to SIL 3 CAT4 PLe over the network safety • Rich safety I/O • safety software

Rich Feedback Support

- > More feedback support • Up to 3 simultaneously (of which 2 may be absolute) • Safe sensors support • One cable technology

High Processing Power

- > Faster data handling • Larger memory • Enhanced processing • Real-time recorder

Flexible Control Design

- > Implement your own control design • Elmo cloud technology (SIL - Software in-the-loop)

A Culture of Reliability

+37

Years pioneering motion control innovation

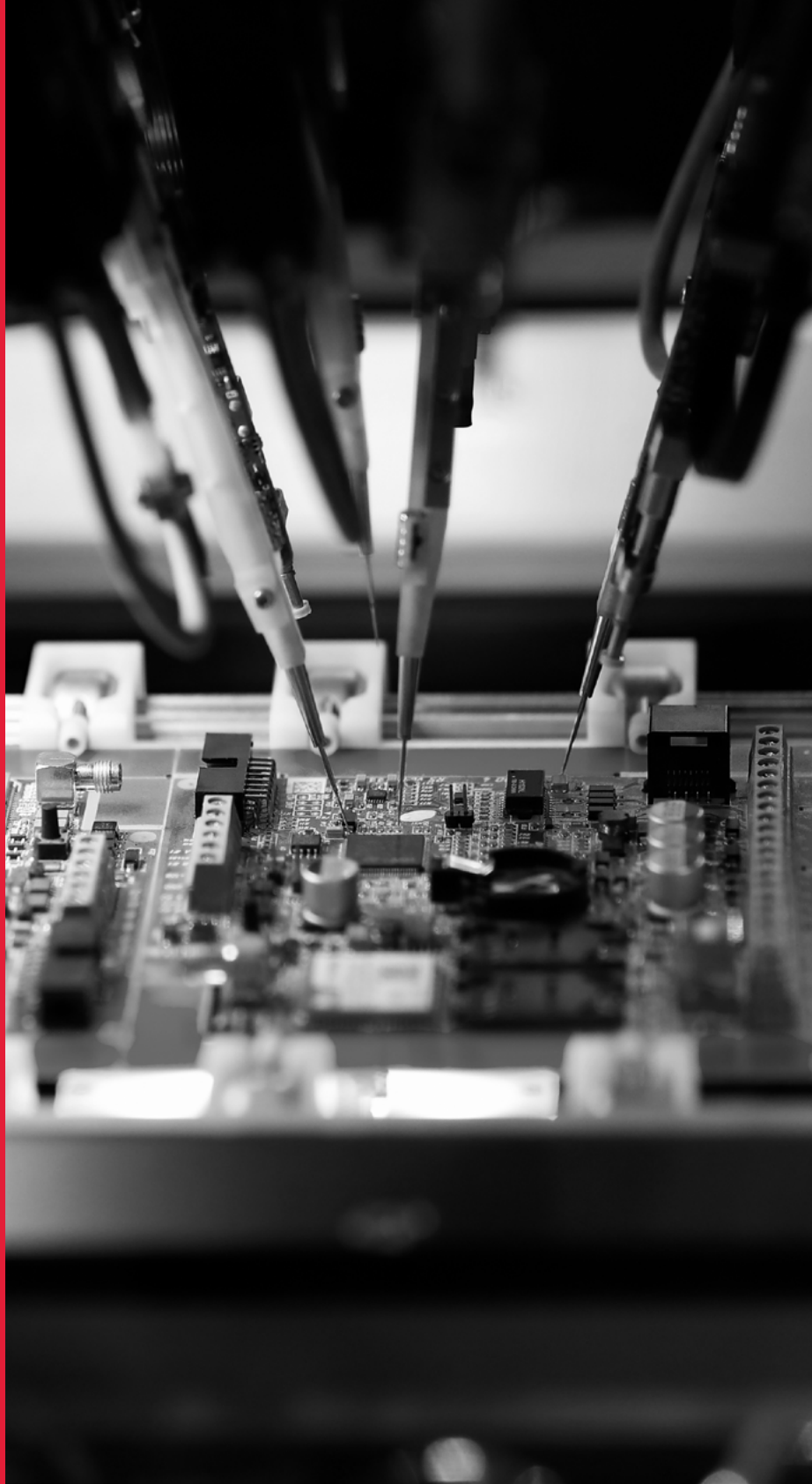
>2500

OEMs trust Elmo for their motion needs

>4.5M

Servo drives running 24/7 worldwide

Learn more at elmomc.com



EtherCAT
Conformance tested



Any Motor



Any Feedback

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Elmo
Motion Control