

Electromechanical Industry 4.0 Solutions Exlar Automation

**CURTISS -
WRIGHT**

Advanced Linear Motion to Meet the Needs of the Modern Factory

As a leading supplier of electromechanical actuation, the Curtiss Wright Exlar® brand offers a range of products that can support your goals when adopting Industry 4.0 manufacturing concepts, including:

- Production Efficiencies (speed, up-time, duty cycle)
- Environmental Sustainability (energy efficiency, reduction in hazardous materials)
- Agile & Adaptable Processes (configurability, connectivity)
- Fully Autonomous Operation (distributed control, predictive maintenance)

Exlar provides three general electromechanical product solutions to best address your needs, allowing for increasing levels of Industry 4.0 support both direct and indirect:



Industry 4.0
Ready

UNIVERSAL



Universal products (F & K-series) provide options to interface with a wide range of Exlar and third-party motor products and their associated controllers

- Forces up to **80,000 lbf / 355.8 kN**
- ASSIGN™ motor selection tool (FTX /FTP products)
- Grease or oil lubrication options



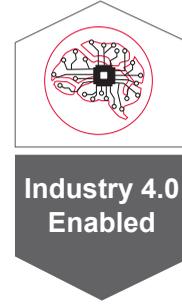
Industry 4.0
Enhanced

INTEGRATED



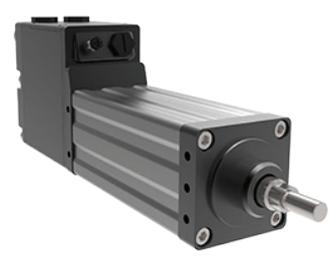
Integrated products (G-series) provide optimized power and connections to leading motion control systems with integrated servo motor and inverted roller screw technology

- Forces up to **23,056 lbf / 102.6 kN**
- Wide range of frame sizes
- Broad array of features



Industry 4.0
Enabled

INTELLIGENT



Intelligent products (Tritex & SA-series) incorporate on-board control and communications capabilities enabling support for distributed control and IoT architectures

- Forces up to **5,400 lbf / 24 kN**
- Offering both rotary & linear actuation solutions
- Support of leading industrial networks and protocols

EXLAR®

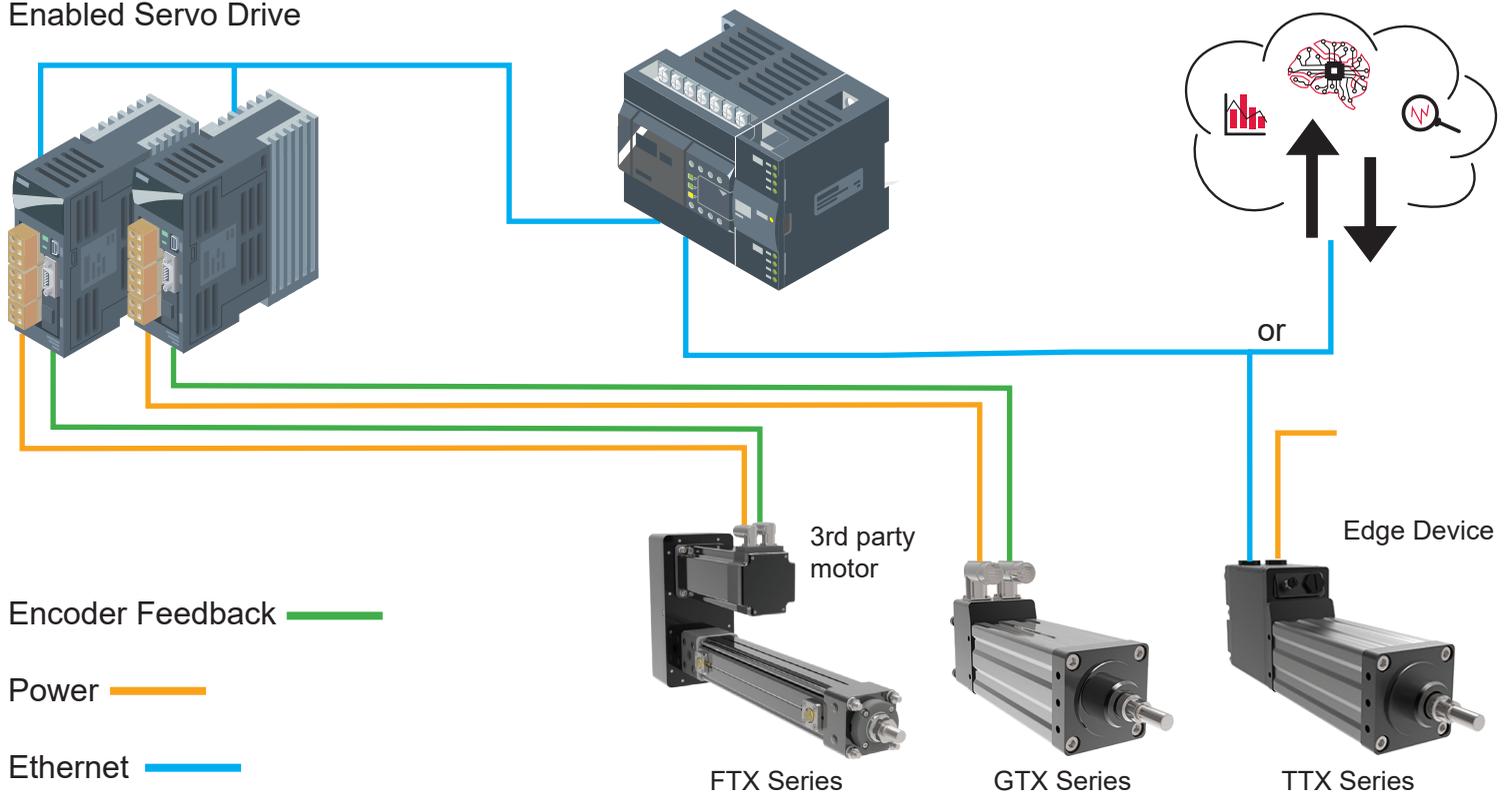
Power | Precision | Proven

Industry 4.0 Solutions

Industry 4.0
Enabled Servo Drive

Industry 4.0 — Line Supervisor / Edge Device

Cloud Analytics



UNIVERSAL

INTEGRATED

INTELLIGENT

- Infinite position control to support data driven process improvement
- Fully programmable & repeatable force control
- High efficiency - Low total cost of ownership
- Low maintenance - No leaky air / oil lines to maintain
- Suitable for challenging industrial environments
- Compatible with the most common 3rd party motors with ASSIGN™
- Plug & Play with most 3rd party drives by matching feedback and connectors
- Complete all-in-one decentralized drive / motor / actuator solution

✓	✓	✓
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EXLAR®

Power | Precision | Proven