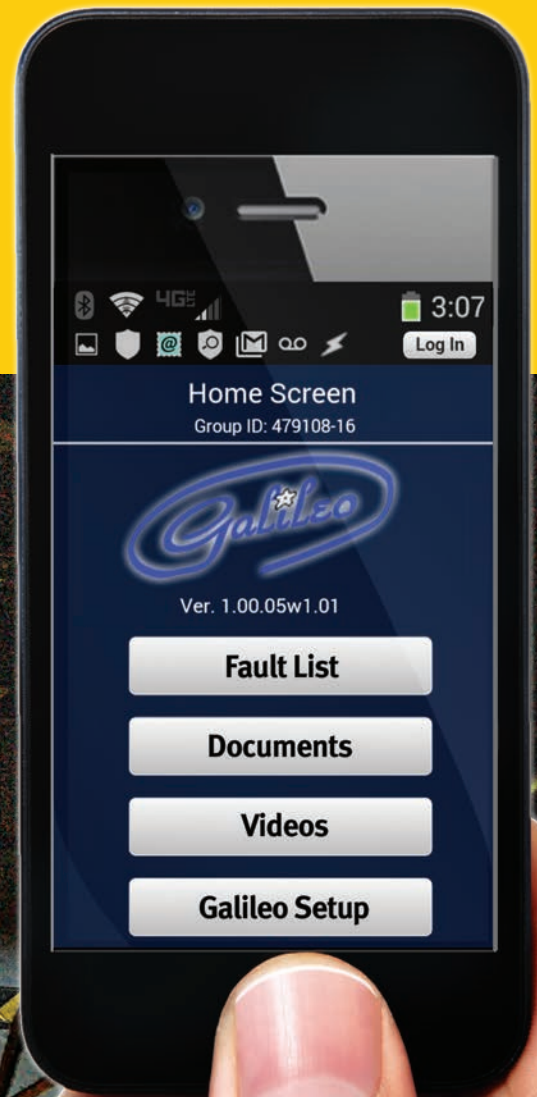![GAL](www.gal.com)

www.gal.com

GALaxy IV®
Controller

With a **secure Wi-Fi link** built into the Controller, all you need is a smart device to troubleshoot problems on-site

Home Screen
Group ID: 479108-16

Galileo

Ver. 1.00.05w1.01

Fault List

Documents

Videos

Galileo Setup

Log In

3:07

GALaxy IV— With Wi-Fi Capability.

If you've ever had to do on-site troubleshooting you may have found yourself facing some tough questions with no easy way to get answers. Fortunately that's no longer an issue since our *GALaxy IV Controller provides a secure built-in Wi-Fi link*. GALaxy IV is equipped with all you need to diagnose a problem. *All data is accessible via Wi-Fi with a smartphone or tablet— no Internet connection required.* This means access to system schematics, wiring connection diagrams, manuals and fault logs. You can even play back trace screens to identify input and output faults and perform traffic analysis. The system is password protected and safe from remote access. And being non-proprietary, GAL IV provides increased flexibility in maintenance. Which can save you plenty over the lifetime of a system.

GALaxy IV, MCPs and Helios.

GALaxy IV is the only Controller licensed and designed to take full advantage of the advanced Helios App. With this smartphone-based dynamic field program you can document a Plain Jane or super custom MCP without a cellular connection. This can save valuable time and effort, especially if you're still performing MCPs using old-fashioned check charts or interactive PDFS.

Upon completion of the MCP, Helios' results are uploaded via the GALaxy IV Wi-Fi link and a PDF of the final MCP is stored within the Controller itself. This permits you to both go paperless and meet Code requirements *(ASME 17.1-2013/CSA B44-13, 8.6.1.2.1 Maintenance Control Program),* which demand that a copy of the MCP be readily accessible for on-site review.

GAL IV: Designed to be easy to use.

Years of innovative effort have gone into making GAL IV one of the most adaptable Controllers in the industry. In addition to being *fully able to function using any fixture you choose, GALaxy IV is also available with Regenerative Drive capabilities. In addition GAL IV's basic design works with Hydro, AC Geared, AC and DC Gearless installations*. So by providing one common interface to serve a range of systems, GAL IV reduces the learning curve for maintenance personnel, enabling them to be more productive.

Serving as the central brain for a more streamlined workflow.

GALaxy IV is designed to be the central brain of a streamlined installation, making the use of any sort of box on top of the car completely redundant *(though GAL IV can easily be wired to one)*. With GAL IV input from a CAN *(Controller Area Network)* or Door Operator *(such as our MOVFR)* is relayed to the COP *(Car Operating Panel)*. Similarly data from a CAN Tape, Tapeless Selector or our APSS *(Absolute Positioning Selector System)* and the Inspection Station also goes to the COP. From there all data is collected and used by the Controller in its functions. GAL IV's elimination of the TOC component reduces overall installation costs.

Diverse Dispatch options.

Today the need to move passengers quickly is critical and has led to the rise of a variety of diverse transport strategies ranging from *Group* and *Destination Dispatch*, to *Lobby Express*. With GALaxy IV you can use any of these methods. Through the utilization of multiple algorithms in its basic programming structure, GALaxy IV serves as a self-learning, intelligent, elevator traffic manager. Its ability to recognize and to dynamically adjust to address changing traffic patterns gives it a valuable advantage that none can match.

Galaxy IV — Key Design Features.

- The GALaxy IV Controller offers a compact, portable Modular Cabinet design featuring three separate enclosures:

  Power — *Satisfies arc-flash requirements*

  Logic — *with easy access and comfortable work height*

  DBR — *resistors are located within a separate enclosure*

- GALaxy IV is designed to be simple to wire – minimizing installation time.

- No TOC Unit. Wires directly to COP from Traveling Cable, Selector, and MOVFR Operator.

- Serial Link to Car and Hall Stations.

- Hoistway Access and Terminal Limits integrated into the Selector.

- Manual set-up is not required.

- GALaxy IV offers a Simple Board Design making it easy for professionals to use.

- Input/Output Boards are designed to be Interchangeable, Field Addressable, and each terminal has "E Paper" Labels.

- All job specific parameters are housed on 1 SD (Secure Digital) Card — which makes it possible to e-mail changes.

- Full-color Wiring Diagrams *(per 8.6.1.2.2 On-Site Documentation)* designed to be easy to follow — making wiring and troubleshooting simpler and faster.

- Low-rise or High-rise front and rear.

- Geared up to 450 fpm (2.29 m/s); Gearless up to 1200 fpm (6.09 m/s).

- AC Vector Drive; DC SCR Drive; AC Quattro® Cube; DC Quattro®.

- Re-GEN available.

Special functions

- Auto-Learn Features for Floor Positions, Limit Positions, and Car Velocity VRS Position.

- Car and Counterweight Buffer test.

- Normal and Emergency Terminal Slowdown Test

- Open/Close Door on Inspection

- Load Weigher Set-up and Lift Brake on Inspection.

- Reset Gripper/Emergency Brake.

- Programmed to provide dynamic self-learning hoistway functionality.

Featuring secure, built-in Wi-Fi capability, GAL IV permits data access using smart devices speeding the diagnosis of problems on-site.

GALAXY IV _0617_