

These products are obsolete.

groov VIEW ACTION PLAN

Features

- > A complete *groov* View mobile app customized for your systems and equipment
- > Expert design and development by Opto 22 engineers, based on your needs
- > Go mobile with minimal time and effort



groov operator interface on smartphone

DESCRIPTION

NOTE: This product is obsolete and no longer available.

The *groov* View Action Plan gives you a simple, effective mobile operator interface—your own custom mobile app designed for your automation systems and equipment—without having to build or configure it yourself.

The *groov* View Action Plan offers a planned path from conception to completion. With the *groov* View Action Plan, an Opto 22 engineer takes the time to understand your systems and your goals for a mobile operator interface. The engineer provides the following services and deliverables:

- *groov* View project management
- 8 hours of support for configuration, IT, networking, and device connectivity
- 3 completed *groov* View operator interface pages
- 2 hours of application support after the project is completed
- 1 year extended maintenance for your *groov* Box or *groov* Server

groov View Project Management

groov View project management includes expert guidance and coaching for the needs and challenges of your specific project. You and the Opto 22 engineer will discuss your systems and goals and complete *groov* View Action Forms to lay out the project’s objectives and schedule.

8 Hours of Support

During the 8 hours of support, the engineer will address all of the following:

- Networking and IT coordination
- Device connectivity for OPC-UA servers, Modbus/TCP devices, Opto 22 *groov* EPIC processors, *groov* Data Stores, and SNAP PAC controllers and I/O units
- Tag definition
- User and account setup
- Optional IP camera configuration for monitoring areas with a web camera
- Event creation and logging, plus optional notification setup

- Android and iOS configuration for mobile devices

3 Completed *groov* View Interface Pages

Your completed *groov* View operator interface pages will include:

- 3 web pages optimized for both Desktop and Handheld views
- Up to 30 tags per page
- Trend configuration
- Event logging and optional notifications
- Live web camera images (optional)
- Your company logo

2 Hours of Post-project Application Support

After the project is completed and signed off, the engineer will also provide an additional 2 hours of application support to make sure your interface meets your needs. This support includes:

- Page changes
- Configuration changes in devices and tags
- Changing users and adding new users
- Product upgrades

The *groov* View Action Plan is available for *groov* EPIC, the *groov* Box appliance, or *groov* Server for Windows. It also includes one year of extended maintenance for a *groov* Box or Server.

The *groov* View Action Plan is available in the U. S. A. and Canada. Call today for your free 30-minute consultation:

1-800-321-6786

Part Numbers

Part	Description
GROOV-ACTION-PLAN (Obsolete)	(Obsolete) Engineering services providing a custom <i>groov</i> View mobile operator interface for automation systems and equipment

PRODUCTS

Opto 22 develops and manufactures reliable, easy-to-use, open standards-based hardware and software products. Industrial automation, process control, remote monitoring, data acquisition, and industrial internet of things (IIoT) applications worldwide all rely on Opto 22.

groov RIO®

groov RIO edge I/O offers a single, compact, PoE-powered industrial package with web-based configuration and IIoT software built in, support for multiple OT and IT protocols, and security features like a device firewall, data encryption, and user account control.

Standing alone, groov RIO connects to sensors, equipment, and legacy systems, collecting and securely publishing data from field to cloud. Choose a universal I/O model with thousands of possible field I/O configurations, with or without Ignition from Inductive Automation®, or a RIO EMU energy monitoring unit that reports 64 energy data values from 3-phase loads up to 600 VAC, Delta or Wye.

You can also use groov RIO with a Modbus/TCP master or as remote I/O for a groov EPIC system.

groov EPIC® System

Opto 22's groov Edge Programmable Industrial Controller (EPIC) system gives you industrially hardened control with a flexible Linux®-based processor with gateway functions, guaranteed-for-life I/O, and software for your automation and IIoT applications.

groov EPIC Processor

The heart of the system is the groov EPIC processor. It handles a wide range of digital, analog, and serial functions for data collection, remote monitoring, process control, and discrete and hybrid manufacturing.

In addition, the EPIC provides secure data communications among physical assets, control systems, software applications, and online services, both on premises and in the cloud. No industrial PC needed.

Configuring and troubleshooting I/O and networking is easier with the EPIC's integrated high-resolution color touchscreen. Authorized users can manage the system locally on the touchscreen, on a monitor connected via the HDMI or USB ports, or on a PC or mobile device with a web browser.

groov EPIC I/O

groov I/O connects locally to sensors and equipment. Modules have a spring-clamp terminal strip, integrated wireway, swing-away cover, and LEDs indicating module health and discrete channel status. groov I/O is hot swappable, UL Hazardous Locations approved, and ATEX compliant.

groov EPIC Software

The groov EPIC processor comes ready to run the software you need:

- Programming: Choose flowchart-based PAC Control, CODESYS Development System for IEC61131-3 compliant programs, or secure shell access (SSH) to the Linux OS for custom applications
- Node-RED for creating simple IIoT logic flows from pre-built nodes
- Efficient MQTT data communications with string or Sparkplug data formats
- Multiple OPC UA server options
- HMI: groov View to build your own HMI viewable on touchscreen, PCs, and mobile devices; PAC Display for a

Windows HMI; Node-RED dashboard UI

- Ignition or Ignition Edge® from Inductive Automation (requires license purchase) with OPC-UA drivers to Allen-Bradley®, Siemens®, and other control systems, and MQTT communications

Older products

From solid state relays, to world-famous G4 and SNAP I/O, to SNAP PAC controllers, older Opto 22 products are still supported and working hard at thousands of installations worldwide. You can count on us for the reliability and service you expect, now and in the future.

QUALITY

Founded in 1974, Opto 22 has established a worldwide reputation for high-quality products. All are made in the U.S.A. at our manufacturing facility in Temecula, California.

Because we test each product twice before it leaves our factory rather than testing a sample of each batch, we can afford to guarantee most solid-state relays and optically isolated I/O modules for life.

FREE PRODUCT SUPPORT

Opto 22's California-based Product Support Group offers free technical support for Opto 22 products from engineers with decades of training and experience. Support is available in English and Spanish by phone or email, Monday–Friday, 7 a.m. to 5 p.m. PST.

Support is always available on our website, including [free online training](#) at OptoU, how-to [videos](#), [user's guides](#), the Opto 22 KnowledgeBase, and [OptoForums](#).

PURCHASING OPTO 22 PRODUCTS

Opto 22 products are sold directly and through a worldwide network of distributors, partners, and system integrators. For more information, contact Opto 22 headquarters at **800-321-6786** (toll-free in the U.S. and Canada) or **+1-951-695-3000**, or visit our website at www.opto22.com.

