

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

DESCRIPTION

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



groov operator interface on smartphone

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	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, building automation, industrial refrigeration, remote monitoring, data acquisition, and industrial internet of things (IIoT) applications worldwide all rely on Opto 22.

groov EPIC® System

Opto 22's *groov* Edge Programmable Industrial Controller (EPIC) system is the culmination of over 40 years of experience in designing products for the automation industry.

groov EPIC gives you an industrially hardened system with guaranteed-for-life I/O, a flexible Linux®-based controller with gateway functions, and software for your IIoT application or any application.

groov EPIC I/O

I/O provides the local connection to sensors and equipment. *groov* I/O offers up to 24 channels on each I/O module, with a spring-clamp terminal strip, integrated wireway, and swing-away cover.

Opto 22 I/O is so reliable, we can afford to guarantee it for life. *groov* I/O is hot swappable, UL Hazardous Locations approved, and ATEX compliant.

groov EPIC Controller

The heart of the system is the *groov* EPIC controller. 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, online services, and more, both on premises and in the cloud.

Configuring and troubleshooting I/O and networking is easier with the EPIC's integrated high-resolution touchscreen. Authorized users can see your *groov* View HMI locally on the touchscreen or on a monitor connected via the HDMI or USB ports.

groov EPIC Software

Software includes:

- Flowchart-based PAC Control for control programming, or build your own custom application with optional secure shell access
- *groov* View for building and viewing your own device-independent HMI
- Node-RED for creating simple logic flows from pre-built nodes

- Ignition Edge® from Inductive Automation®, with OPC-UA drivers to Allen-Bradley®, Siemens®, and other control systems, and MQTT/Sparkplug communications for efficient IIoT data transfer

groov Edge Appliance

Visualization, data handling, and connectivity in a compact, industrial box: that's the *groov* Edge Appliance. Included are:

- *groov* View for building and viewing operator interfaces on PCs and mobile
- Node-RED for building simple logic flows
- Ignition Edge® from Inductive Automation®, for OPC-UA drivers and MQTT/Sparkplug IIoT communications



Older products

From solid state relays (our first products) to world-famous G4 and SNAP I/O, to SNAP PAC controllers, Opto 22 products last a long time. You can count on us to give you the reliability and service you expect.



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 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, comprehensive 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 how-to videos, user's guides, the Opto 22 KnowledgeBase, troubleshooting tips, and OptoForums. In addition, free hands-on training is available at our Temecula, California headquarters, and you can [register online](#).

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.