Real-View Mimic Panel

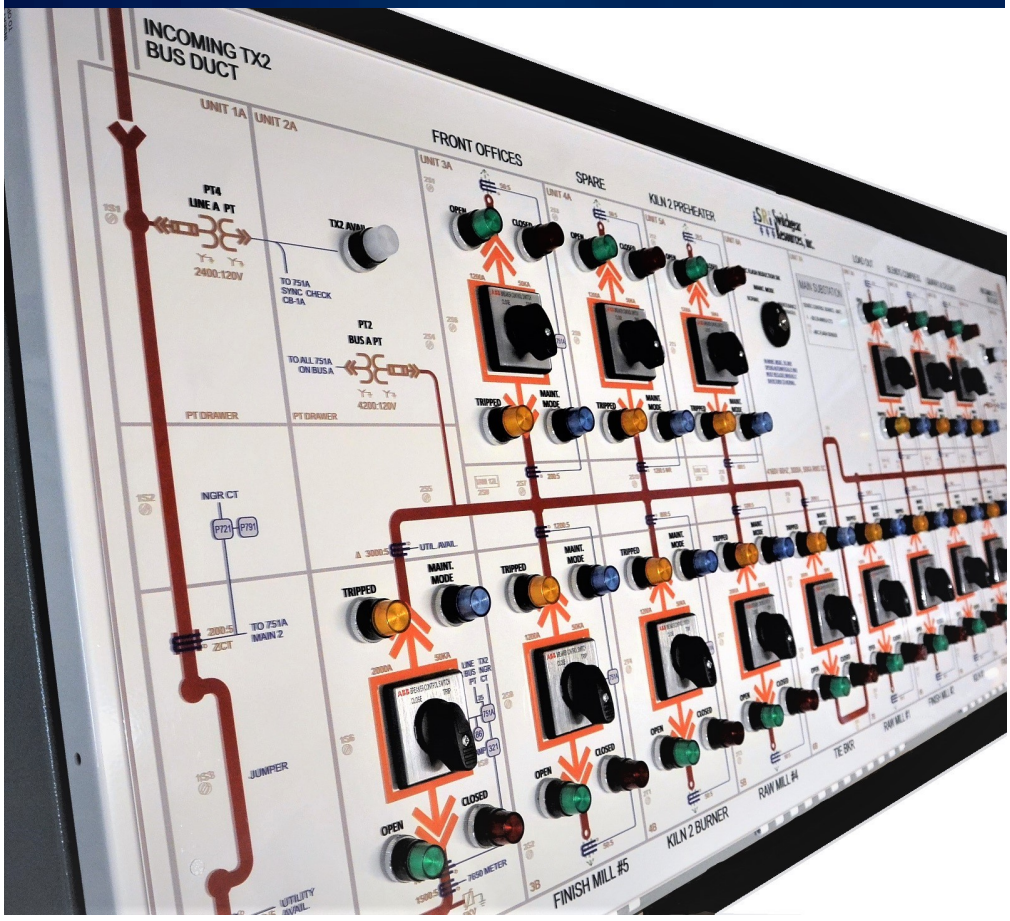
For safer remote operation of switchgear

Introduction

Real-View Mimic Panel is a remote operating station for switchgear which places control in a safer location.

An arc flash hazard exists from high energy equipment such as switchgear and needs safety precautions to minimize the risk to the operator.

The mimic panel becomes the operations center for control of the switchgear.



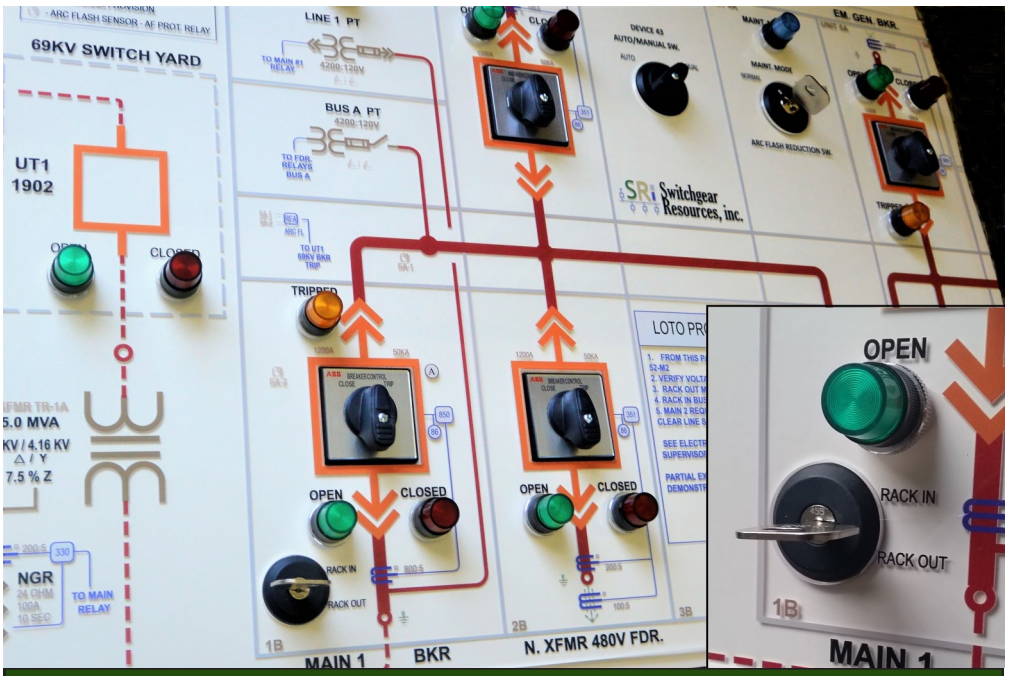
Your Safety Center

Convenience does play a role in our willingness to follow a safety plan.

Doing more of the breaker operations and Lockout / Tagout preparations outside the arc flash zone makes safety more convenient.

Features like racking the breaker from the mimic panel, full one-line detail for troubleshooting, LOTO instructions, and arc flash maintenance mode switch go beyond a typical control station.

Each Real-View Mimic Panel has a drawing key reference with notes to add your key safety details like ground points or system clarifications.



An arc flash mitigation solution from:

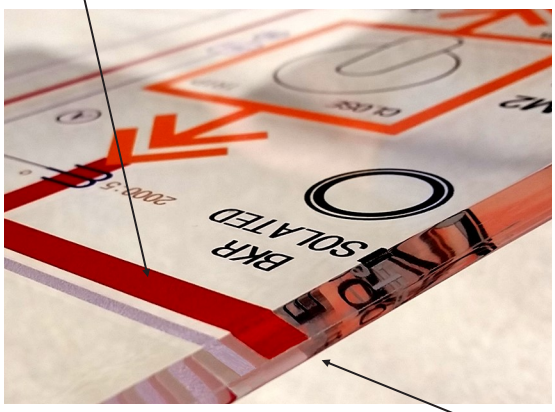
SRi Switchgear Resources, inc.

Phone: 682-777-5455

E-mail: info@switchgearresources.com

www.switchgearresources.com

Shows encapsulated color diagram



Sealed inside Acrylic

luciteiux JUST IMAGINE MUSEUM GRADE

Real-View Mimic Panel

PERMANENT — Encapsulation

Museum Grade Lucite Lux front acrylic
Diagram is a film deposit (print-like process) inside the sealed acrylic
Color film is a multi-layered UV-cured acrylic derivative
An additional layer 1/16" clear Acrylic is bonded for encapsulation
RESULT- Alcohol, oil, & water resistant , 98% UV protected

NEC 490.48B states that a permanent single-line diagram shall clearly identify:

Interlocks, isolation means, ALL sources of voltage under normal or emergency conditions.

Real-View Mimic Panel front panel IS this single-line diagram and shows:

All sources as open, closed or isolated

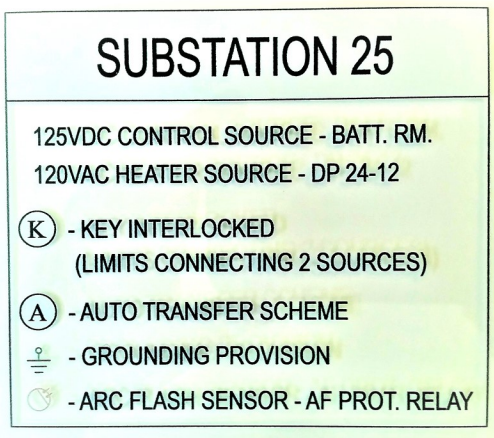
Which breakers are interlocked

Safety ground connection points

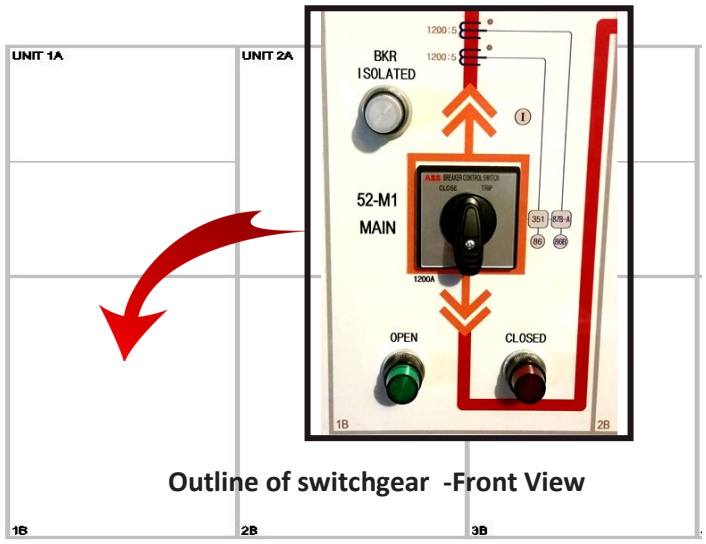
Protection scheme, CT polarity, even your full one-line diagram

Real-View Mimic Panel adds a drawing quick reference to show interlock detail or source clarifications. Even other control sources :

- UPS, DC control bus
- PT, CPT sources



Real-View Mimic Panel has a unique look that shows the outline of the switchgear front view in gray with the section numbers in the back-ground, then superimposes the one-line symbols over the matching cell.



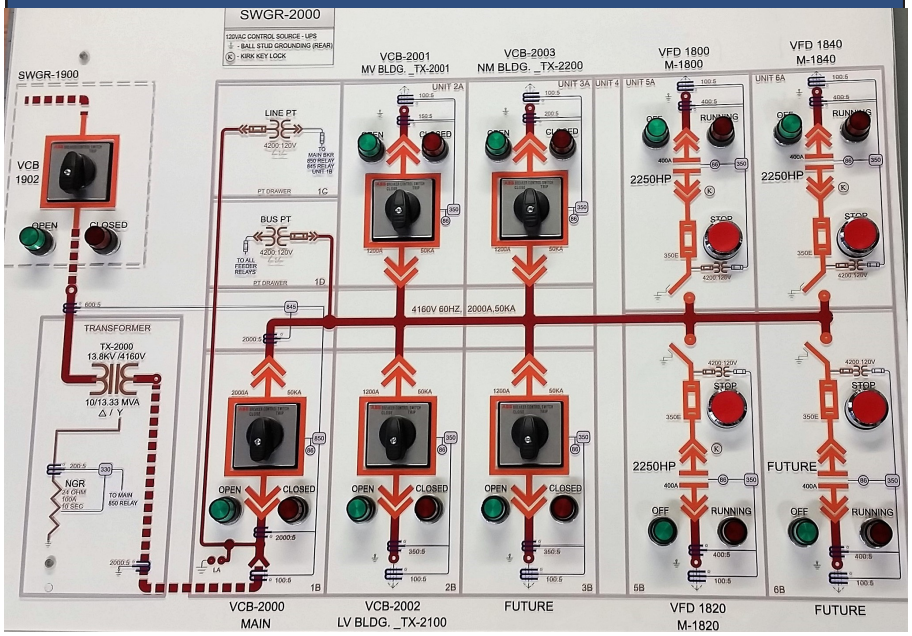
Outline of switchgear -Front View

Phone: 682-777-5455

E-mail: info@switchgearresources.com

www.switchgearresources.com

Real-View Mimic Panel

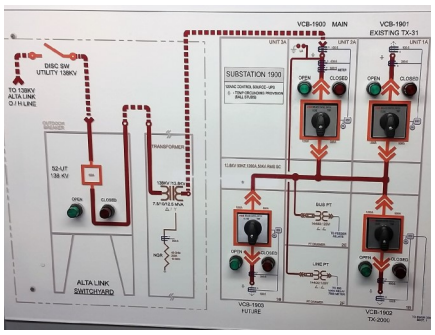


Substation version

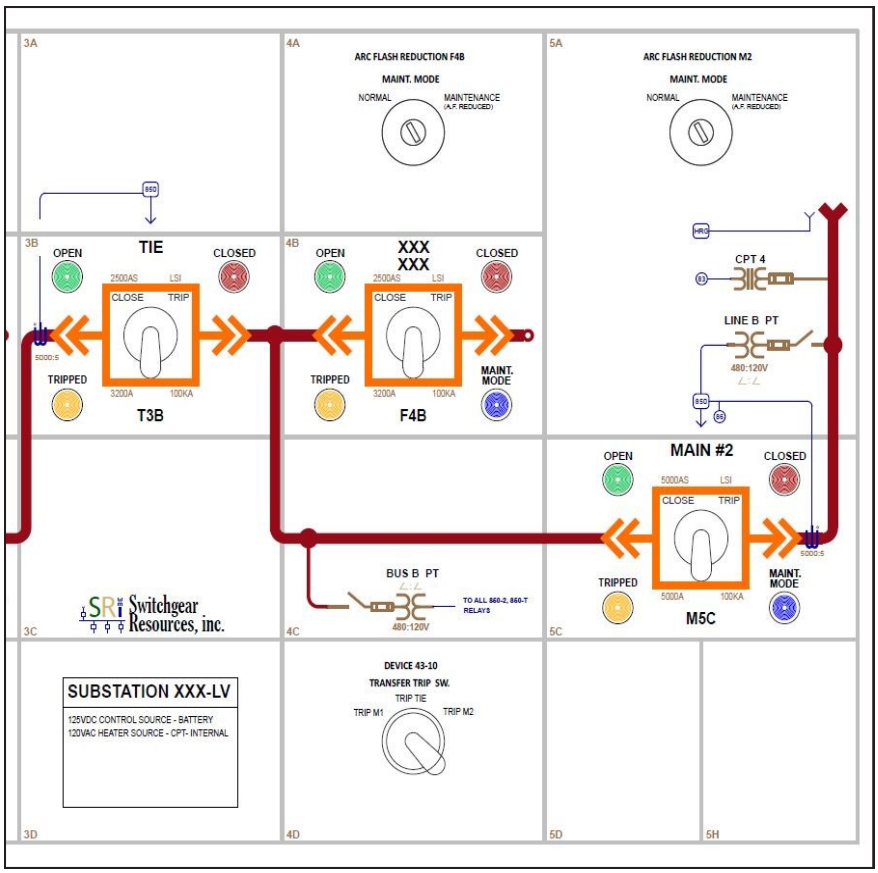
SHOW THE ENTIRE SUBSTATION Neutral Grounding System, transformer protection.

ADD ANNUNCIATOR functions for transformers, fan, temperature, sudden pressure, etc.

ADD IEC 61850 RTU functionality for status indication from other relays or communications.



LV SWGR



More Options

MV MCC as a part of the line up

LV Switchgear as 4 high arrangement

TRIPPED indication

Show Optical sensing protection scheme or other trip means

Show the operating mode — even Bypass.

Switchgear Resources, inc.

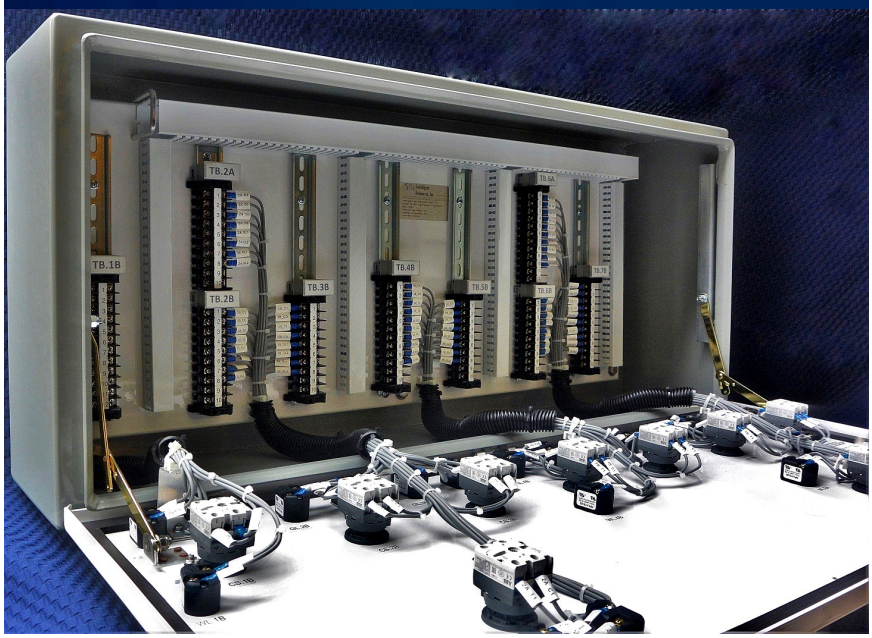
Phone: 682-777-5455

E-mail: info@switchgearresources.com

www.switchgearresources.com

Real-View Mimic Panel

For safer remote operation of switchgear



COMPACT size — Only 23“ tall

Width is according to number of sections

14 sections in a 60” wide Panel

TWO rows for 28 sections

Larger panels ? - contact us

Benefits

- Safer operation of the switchgear
- **Faster operating time** through instant recognition of which breaker switch to operate.
- Easier troubleshooting with full single -line protection scheme details.
- Compact design—reduces space
- Better visibility of backfeed potential or other voltage sources
- Always ready and visible - even during a complete outage
- Better protection against unintended operation or trip

Details	
Add Your system safety needs	**SRi standard features**
Add Your LOTO Procedure	Built to C37.21 Control Switchboard Standard
Identify Upstream sources	ABB or Electroswitch control switches
Where to turn off heater power, etc.	16mm LED lights 100K hrs re-lampable
Notate if Utility must isolate source	No sticky block wire anchors
Your grounding points	NEMA Enclosures 1A or 12 ,3R w/ canopy
TRIPPED indication	600V NEMA style “screw “ Terminal Blocks (accepts ring or fork lugs)
Mechanical or electrical Interlocks	Door prop releases to open 180º
Add Protective relays (larger panel)	Wire duct for customer wiring
Ethernet / Transfer -trip systems	ANSI 61 gray , white subpanel / door
Auto / manual control switch	Inside TB’s matches front section layout
Energy storage or capacitor banks	Aluminum lightweight door
Backfeed sources like UPS	Printed sleeve wire markers
	More of system one-line than any other

An arc flash mitigation solution from:

SRi Switchgear Resources, inc.

SRi_Pub_rev_6

Phone: 682-777-5455

E-mail: info@switchgearresources.com

www.switchgearresources.com