

SAFER.
COMPACT.
AFFORDABLE.



S&C SYSTEM VI™
SWITCHGEAR
YOUR COMMERCIAL &
INDUSTRIAL SWITCHGEAR SOLUTION



NOT ALL SWITCHGEAR IS CREATED EQUAL

When selecting the right switchgear for your project, careful planning and consideration is a must.

With several options available on the market and deadlines looming, it's easy to go back to a switchgear technology you've used on past projects. And why not? You have always specified metal-clad switchgear on your projects, so what's the problem?

The problem is that you may be making the wrong choice in switchgear, and this can result in inappropriate or impractical equipment being installed. This can drive up project costs, and potentially put worker safety at risk.

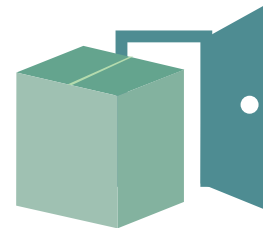
What happens when I make the wrong choice?



Safety Risk

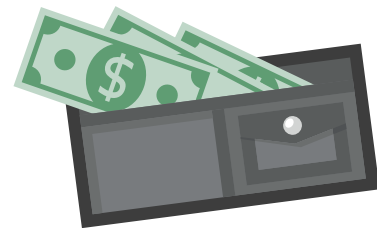
Workers are entering a high-voltage environment and need assurance they can do their jobs safely.

Not having the right safety features in place puts workers at risk.



Limited Space

Real estate is expensive, and switchgear needs to fit in limited or small spaces. The wrong choice may add unnecessary complexity at the time of installation.



High Cost

Why spend more than you have to? The wrong choice means paying too much for equipment, installation, and maintenance, and these are costs you might not be aware of up front.

These savings can be redistributed to other areas of your project.

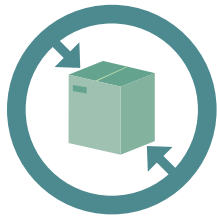
SYSTEM VI SWITCHGEAR: ENGINEERED TO MEET YOUR NEEDS

What happens when I make the right choice?



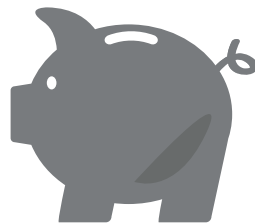
Safer

System VI Switchgear provides operators advanced safety features, such as visible confirmation of the switch position, an easily accessible voltage test circuit, and the ability to ground switches internally.



Compact

System VI Switchgear saves space through its compact footprint. Installation is made much easier: a smaller lineup with almost nothing to assemble on site.



Cost Effective

System VI Switchgear meets the functionality of traditional metal-clad switchgear at a fraction of the price. The total cost of ownership is lower, and System VI Switchgear is virtually maintenance-free. No spare parts are required.

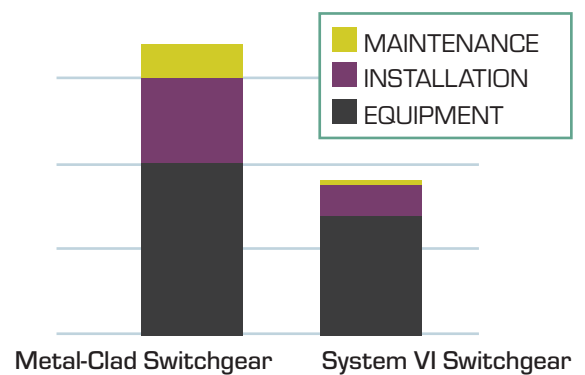
S&C's System VI Switchgear is the perfect solution for new installation and equipment upgrades because it is engineered to meet your needs.

It is designed to meet the connection requirements of the local distribution company and is equipped to supply the electric load at your site.

System VI Switchgear provides superior design flexibility in a compact and affordable package and has advanced safety features that exceed those of metal-clad switchgear.

Unlike traditional breakers, there is no need to rack-in/out. System VI Switchgear comes in a variety of voltages, ranging from 5 kV to 38 kV, and a main bus current rating up to 2000 A.

Total Cost of Ownership Breakdown



CONFIGURATIONS & RATINGS

S&C has the capability and experience to deliver a custom design that meets your project's unique requirements. System VI Switchgear design customization may include:

- Matching cable entry/exit location (from above or below)
- Front-access only design to allow the switchgear to be placed against a wall
- Custom relaying to integrate System VI Switchgear with a control system
- Remote operation of switchgear



Front and rear access, cables from below



Front and rear access, primary metering, cables from below



Front access only, cables from above

Your project is unique. Contact an S&C representative to create System VI Switchgear customized to fit your specific needs.

System VI Switchgear is designed to meet the connection requirements of the local distribution company and is equipped to supply the electric load to your site.

kV		Amperes, RMS					
Max. System Voltage	BIL	Main Bus Cont. Current	Short-Circuit, Sym.	Fault Interrupter		Load-Interrupter Switch	
				Cont. and Load-Dropping	Ten-Time Duty-Cycle Fault Interr., Sym.	Cont. and Load-Dropping	Mom. and One-Second, Sym.
15.5	95	600	12 500	200	12 500	200	12 500
29	125	or 1 200	or 16 000	or 600	or 16 000	or 600	or 16 000
38	150	or 2 000	or 25 000	or 900	or 25 000	or 900	or 25 000

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Excellence Through Innovation