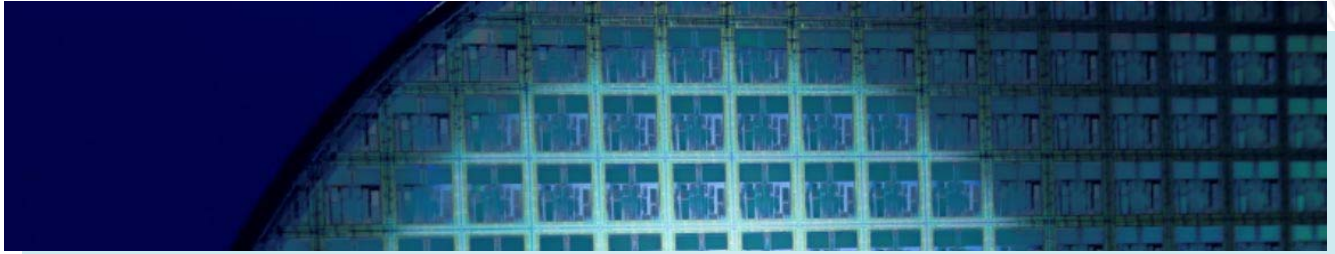


# CHEMGUARD® Gen III CONTROLLER Retrofit: THE NEW GENERATION OF CONTROLLER TECHNOLOGY PLATFORMS



## SAFETY AND RELIABILITY

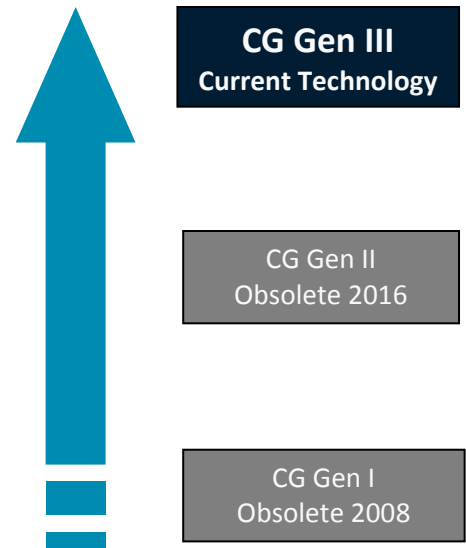
Upgrade to the CHEMGUARD (CG) Gen III Controller for enhanced reliability, configurability and extend the life of your capital investment.

### CHEMGUARD GEN III PROVIDES:

- Enhanced reliability, with new options for dual power and ARS functionality with latest process and safety technology
- Easier information access and simplified troubleshooting
- Field-proven controller with large installed base
- Reverse compatible to legacy CHEMGUARD Gen I and Gen II systems

### PERFORMANCE AND SAFETY ENHANCEMENTS:

- Dual processor
- Optional Dual Power
- Optional ARS back-up
- Hardwired shutdown for safety-critical inputs
- Outbound diagnostics



**CHEMGUARD Evolution:  
Advancing Technology  
Performance and  
Functionality**

### Key benefits from 30 years of controller development expertise:

- Easy to use, responsive human-machine interface and touch screen
- Optional redundancy and system backup, translating to higher reliability
- Integrates to GCS (Global Communications System) or the facility SCADA for an additional fee

## SAFETY AND RELIABILITY

Upgrade to the CHEMGUARD (CG) Gen III Controller for enhanced reliability, configurability and supportability.

### CHEMGUARD GEN III RETROFIT WHAT'S INCLUDED:

- New CG Gen III controller with all cabling required
- New CG top door with z-purged display
- Option appropriate software

### CHEMGUARD GEN III RETROFIT CAN HELP:

- Reduced over-all capital costs when facilitation and re-qualification of a new liquid cabinet is considered
- CG Gen III retrofit kit includes all parts needed to reverse retrofit the original CG Gen I or CG Gen II controls platform technology extending the life of your original capital investment and improving spares availability equipment life-time.



**CABINET NOT INCLUDED IN CONTROLLER RETROFIT, BUT ALL CONTROLS PARTS NEEDED ARE INCLUDED IN THE RETROFIT KIT**

### GLOBAL FABWIDE EXPERIENCE: BCD (200 LITER), LIQUID VMB, AND CHEMGUARD® TO PROCESS TOOL

The CHEMGUARD® family is more than just a standalone piece of equipment in your fab. It is designed to interface directly to most OEM process tools and can be supplemented with fabwide distribution systems designed for UHP liquids.



For more information, please contact us at:

**VERSUM MATERIALS, INC.**  
**[VERSUMMATERIALS.COM](http://VERSUMMATERIALS.COM)**

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