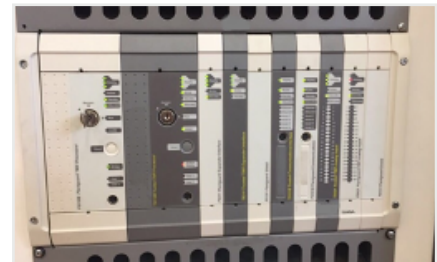


ICS TRIPLEX LEGACY PRODUCTS

+ Plantguard Ongoing Supportability, Upgrade Options, and Configuration Options

OPTIONS OFFERED BY SENSIA

- + Maintain** existing Plantguard system. This is the recommended option because ongoing support is readily available.
- + Transition** to the Trusted system. This is the simplest and most economical way to maintain the installed system. Users can order preconfigured Trusted modules for a Plantguard system to replace Plantguard modules as the need arises.
- + Migrate.** Complete migration to a Trusted system removes any product availability concerns for more than 20 years, with minimum disruption or loss of operational capability, using a current active product.
- + Replace.** This is not seen as necessary given the active status of the Trusted product range.



PLANTGUARD PRODUCTS

Plantguard is a product brand manufactured by Rockwell Automation exclusively for ABB.

Only ABB can supply new build parts to existing users because they own the Plantguard brand.

However, Sensia can provide full support facilities and service for this product with the sole exception of not being able to supply new build parts to the end user. Full module repair, site support, application support, and maintenance services are all readily available from Sensia.

The intellectual property rights of the 8000-product platform (upon which Plantguard is based) are owned by Rockwell Automation but managed by the Sensia ICS Triplex legacy spares and repairs team. The 8000 is in active status, with a life expectancy of 15 to 20 years.

Because the Plantguard product is based on the market leading Sensia T8000 series Trusted product platform, it is electrically and functionally equivalent to, and therefore fully compatible with, the Trusted products. This means that a Plantguard module can be replaced with a standard Trusted module, with the correct configuration and preparation. The safety accreditation of the system is

unaffected by this mixing of the products within a system, provided the correct setup and preparations are implemented.

LIFECYCLE STATUS CATEGORIES

The lifecycle phase of each product range is reviewed periodically and assigned according to the status definitions below. There are no ICS Triplex legacy products in the active status category.

- Active** - The most current product in its category of products
- Active Mature** - Fully supported products, but replaced by active products
- End of Life** - Discontinued date announced; parts generally available until announced date, then limited support available
- Discontinued** - New products no longer available; repairs and exchange parts may be available
- Pending** - Product is under review; contact the spares team for details

LIFECYCLE OF PLANTGUARD PRODUCTS

The product lifecycle status management, definition, and intellectual property rights of Plantguard are managed by Sensia. The current lifecycle status of the Plantguard product range, as defined by the OEM (Sensia), is active mature.

Upgrade Options for the ICS Triplex Legacy August, Triguard, and Plantguard Systems

Product ^a	Current Lifecycle Status	Upgrade Options ^b		Support Currently Available		Comments
		Processor	I/O	Spares	Repairs	
August CS300 (Triguard)	Active Mature and End of Life	YES	YES	YES	YES	Processor status is end-of-life. Most other modules are active mature. Systems can be upgraded to Trusted systems with low cost and minimal disruption
Triguard SC300E	Active Mature	YES	YES	YES	YES	These systems can be upgraded to Trusted systems with very low cost and minimal disruption.
Plantguard	Active Mature	YES	YES	YES	YES	These systems can be converted to Trusted systems with very low cost and minimal disruption.

^a As legacy products, these systems are susceptible to sudden component obsolescence. Sensia will endeavor to mitigate the effect of any obsolescence and maintain the availability of spare parts, supported by comprehensive repair facilities.

^b The I/O upgrade can be scheduled after the processor upgrade is complete, as a separate upgrade, with no time limits other than availability.

ICS Triplex Legacy System Upgrade Options

System Name	Product Reference	Product Current Lifecycle Status	Controller-Only Upgrade	Standard System Downtime	Comments
Plantguard	Processor Modules	Active Mature	TBA	0 Hours	Can be replaced in a live system, with Trusted modules preconfigured to "plug & play"
Plantguard	I/O Modules	Active Mature		0 Hours	Can be replaced in a live system, with Trusted modules preconfigured to "plug & play"

The estimated costs are offered as indicative prices for a 500 I/O system, which is a direct conversion from the application perspective. Prices for both larger and smaller systems are available upon request. The top-end upgrade path is designed to offer a minimal disruption transitional path to new technology equipment and interactive demonstrations are available in Maldon, UK, and can also be delivered at local Sensia Offices or at customer facilities by prior arrangement.

Extended Support through Healthcare Agreements

- + System support
- + Application software backup and archiving
- + Parts management agreement (PMA)
- + Office-based support simulators
- + Routine maintenance visits
- + Regular training and updating
- + System modifications, test, and validation
- + Software license management
- + Site and/or remote support contracts
- + Obsolescence studies and reviews

For More Information and Global Support

Spares Support Team

Phone: +44 (0) 1621 879527

Email: pa.spares@sensiaglobal.com

System Support Team

Phone: +44 (0) 1621 879500

Email: RTS@sensiaglobal.com

The above email addresses are dedicated to Sensia ICS Triplex legacy support and are actively monitored by the technical support and spares and repairs teams, ensuring your inquiry will be responded to in a timely manner.

This document is based on the best available information at the time of issue. Sensia reserves the right to modify product lifecycle phase and phase review dates in the event of circumstances beyond our control.