



CyFENCE is a DMZ that integrates all security services protecting a industrial system. It consists of equipment and software integrated and configured by Cybelius for industrial systems, existing or new.



FUNCTIONS

The different security functions offered by CyFENCE are:

- Authentication management (LDAP, Active Directory)
- Control of access paths to areas and equipment
- Management of remote access of any kind
- Management of automatic or manual updates
- Creation of security records related to CyFENCE services
- Collection of system security logs and events for communication with the SOC / SIEM
- Automatic or manual backup and restoration, detection of discrepancies between versions
- Protocol breaks on critical exchanges.



MAJOR ASSETS

- CyFENCE is installed in between the incoming and outgoing communications, and secures an existing system by minimizing the impacts.
- CyFENCE is modular and contains the functions that the customer needs.
- CyFENCE exists in a redundant version for availability needs.
- Thanks to its positioning between IT and OT, CyFENCE makes it possible to extend IT security services to OT (Anti-virus, authentication, logging, etc.).
- CyFENCE complies with the ANSSI-PA-044 guide.





CyFENCE is an integrated product of IT and OT technologies, selected and mastered by Cybelius. The criteria taken into account are the quality of the protection, trust, simplicity of implementation, relevance for the OT world.

- Firewalls: based on specialized distributions.
- Security server: management of authentication, integrity, encryption.
- Data management: secure file transfer, encryption, back-up and restoration, encrypted records of any kind.
- CyFence always carries an IT-side firewall and an OT-side firewall of different technology.
- The firewall on the IT side can be replaced by a model imposed by the customer.
- The management of paths between IT and OT is exhaustively controlled.

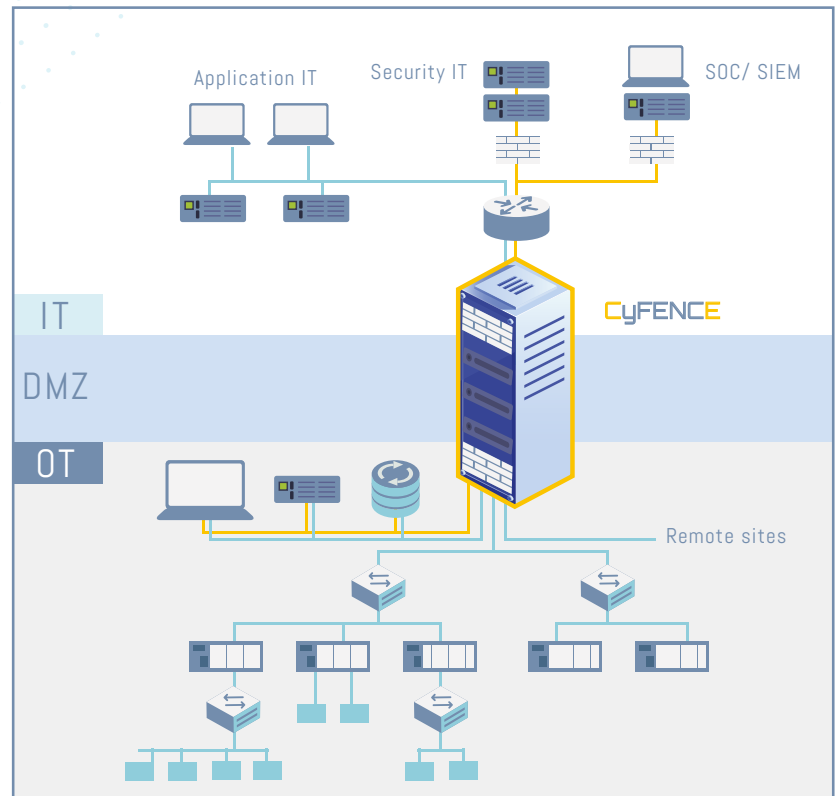


IMPLEMENTATION

Cybelius can assist the customer on the modifications to be made to his equipment for the implementation of CyFENCE security services. The administration of CyFENCE is operated via a unique interface developed by Cybelius

- CyFENCE is positioned as a cutoff of the incoming and outgoing links of the system to be protected, thus creating a fence ensuring defense in depth.
- CYBELIUS manages the configuration, implementation, maintenance and possibly the administration of CyFENCE.
- CyFENCE is implemented according to customer needs for assembly and configuration. The factory tests are followed by a site reception and a check of proper operation. Changes to be made to the system are defined and supervised by CYBELIUS.

→ DEPLOYMENT EXAMPLE



COMPOSITION

CyFENCE consists of a 19-inch industrial cabinet or chassis, from 18U to 42 U depending on the functions carried. CyFENCE has its own inverter. CyFENCE is marketed in initial sale and annual license of operation and optional services. CyFENCE complies with the ANSSI-PA-044 guide.

