

Req ID	Requirement name	Supported by CIP	Need application	Status if supported	HW by IEC-62443-4-2 tests reference	CIP recommendation
CR-7.1	Denial of service protection	TRUE	TRUE	FALSE	Completed https://gitlab.com/psd/cip-project/cip-testing/cip-security-tests/-/tree/master/iec-security-tests/singlenode-testcases/TC_CR7.1_1	CIP supports this requirement. CIP users should do CRT (communication Robustness Testing) to meet this requirement.
CR-7.1 RE	Management of communication load from component	TRUE	TRUE	FALSE	Completed None	CIP supports this requirement. CIP users should use CIP package and make sure in case of DoS attack essential function of the system is not affected and system runs in degraded mode with essential services
CR-7.2	Resource management	FALSE	TRUE	FALSE	S.E.A.	None CIP platform does not support this requirement CIP users should make sure monitoring of system does not affect essential functions of the system
CR-7.3	Control system backup	TRUE	FALSE	FALSE	SE- progressAdding backup/restore package	None CIP supports this requirement. CIP users should use the package and configure based on this requirement
CR-7.3 RE	Backup integrity verification	TRUE	FALSE	FALSE	SE- progressAdding backup/restore package	Same as CR-7.3
CR-7.4	Control system recovery and reconstitution	TRUE	TRUE	FALSE	SE- progressAdding backup/restore package	Same as CR-7.3

Req ID	Requirement name	Need applicability	Status if supported	HW by IEC-62443-4-2 tests reference	CIP recommendation
CR-7.5	Emergency power	FALSE	FALSE	None	No component level requirement
CR-7.6	Network and security configuration settings	FALSE	TRUE	None	CIP does not support this requirement. CIP users should provide setting to configure network and security settings based on the product uses cases
CR-7.6	Machine-readable (reporting of current security settings)	FALSE	TRUE	None	Same as CR-7.6
CR-7.7	Least functionality	FALSE	TRUE	None	CIP platform does not support this requirement. CIP users should use CIP capabilities and support it.
CR-7.8	Control system component inventory	FALSE	TRUE	None	Same as CR-7.7