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CIP Security Partitions

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Revision History

Revision No	Date	Change description	Author	Reviewed by
001	2021-11-29	first draft	Raphael Lisicki	To be reviewed by CIP Security WG members

1. Objective

The primary objective of this document is to explain how the integrity and confidentiality of files stored on a device is maintained.

2. Partitions

The following partition scheme is meant to illustrate the security capabilities. Details regarding software update and hardware architecture remain in the realm of the respective working groups. A x86 system using the A/B partition scheme for updates is assumed for this illustration. The shown solutions provides integrity for the system partition and confidentiality for user data.

Partitions