CSD100 1.5.4

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Overview

The purpose of this document is to provide release-specific information for the 1.5.4 of CSD100.

Please note that the release note is cumulative and the information related to the previous patches may be included.

What's new with this release:

Improvements

Release CSD100-v1.5.4

[CSD100-5070]   New logo and visual identity – The user interface branding has been updated with the GE Vernova logo and refreshed colors. This is a visual change only and does not affect functionality.

Release CSD100-v1.5.2-limited

[CSD100-4960]   [Opening operation monitoring] Add a new arcing time threshold for reignition detection (alarm_reignition_last_open_0...2). This allows arcing times above half a period without alarm.

Release CSD100-v1.5.1-internal

[CSD100-4614]   [Synchronization] Analogue channels acquisition delay compensation is added in HMI for fine

tuning

[CSD100-4400]   [Sampled Values] Indicators and statistics are added in measures.xml file

[CSD100-4394]   [Sampled values] A DO "ActSvSet" is added in LN CPOW to report the active SV configuration

[CSD100-4390]   [GOOSE subscription] GOOSE subscription events are logged in the security journal

[CSD100-4389]   [Sampled Values] SV subscription events are logged in the security journal

[CSD100-4372]   [GOOSE] GOOSE subscription status can be monitored through a LGOS logical node

[CSD100-4316]   [Sampled Values] Subscription statistics are available in web HMI for diagnosis purpose

[CSD100-4314]   [Sampled values] Operational settings needed for SV configuration can be set from a new section in web HMI

[CSD100-4150]   [Sampled values] An alarm is triggered in case SV "processed streams" are not conform

[CSD100-1642]   [Sampled values] Automatic selection of sampled values streams is enforced by GOOSE subscription

[CSD100-1636]   [Sampled values] CSD100 supports variants: F4000S1I4U4 and F4800S1I4U4 (9.2LE guideline compatible) and F4800S2IxUy (x + y <= 24)

[CSD100-1276]   [Opening operation monitoring] Circuit breaker opening time can be measured using a travel sensor

[CSD100-1275]   [Closing operation monitoring] Circuit breaker closing time can be measured using a travel sensor

Fixes

Release CSD100-v1.5.3

[CSD100-5299]   [Gas monitoring] Communication stability with digital transmitter is improved

Release CSD100-v1.5.2-limited

[CSD100-5241]   [IEC 61850 mms] Several alarms are added in buffered reports

Release CSD100-v1.5.1-internal

[CSD100-4831]   [Time management] Date cannot be set manually to a value later than 2036

[CSD100-1338]   [Closing and Opening operation monitoring] the use of travel sensor to measure circuit-breaker closing time and opening time was not functional

Known issues

Version history

CSD100-v1.5.3   : 31/10/2025

CSD100-v1.5.2-limited   : 12/09/2025

CSD100-v1.5.1-internal   : 23/05/2025

CSD100-v1.4.8   : 03/12/2024

CSD100-v1.4.7   : 01/10/2024

CSD100-v1.3.4   : 02/04/2024

CSD100-v1.3.0.1   : 01/03/2024

CSD100-v1.3.0   : 01/09/2023

CSD100-v1.2.0   : 20/12/2022

CSD100-v1.1.4   : 24/12/2022

CSD100-v1.1.3	: 01/04/2022
CSD100-v1.1.2	: 25/01/2022
CSD100-v1.1.1	: 03/12/2021
CSD100-v1.0.3	: 10/09/2021
CSD100-v1.0.2	: 06/08/2021
CSD100-v1.0.1	: 03/05/2021
CSD100-v1.0.0	: 26/11/2020

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