



Contribution ID: 9

Type: **not specified**

EPICS Diode –One-Way Data for Secure Remote Participation

Thursday 19 September 2024 15:50 (20 minutes)

To support ITER's remote participation plans while honoring cybersecurity requirements, we are developing the "EPICS Diode", mirroring EPICS PVs through hardware devices allowing strictly one-directional network traffic.

We present the concept, implementation and status, showing the first results of scalability and performance measurements, possible enhancements and the next planned steps.

Primary author: Mr STEPANOV, Denis (ITER Organization)

Co-authors: LOBES, Leonid (ITER Organization); LANGE, Ralph (ITER Organization)

Presenter: LANGE, Ralph (ITER Organization)

Session Classification: EPICS Meeting Talks

Track Classification: Security