EPICS Collaboration Meeting





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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.

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