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Type: 20-minute talk

Overview of Data and Control Systems at NASA's Armstrong Test Facility

Tuesday, 25 April 2023 13:20 (20 minutes)

NASA's Neil A. Armstrong Test Facility (ATF, formerly Plum Brook Station) is a 6,400 acre (26 km²) research campus in Sandusky, Ohio that operates a number of unique world-class test facilities which are used by NASA, other governmental agencies, and the private sector to conduct full service facility and test system preparation for complex and innovative research and flight programs. The test facilities at ATF are used to simulate the conditions of the upper atmosphere, deep space, planetary, lunar environments, and cryogenics. This talk will present a high-level overview of the ATF test facilities and test capabilities and highlight their individual data and control (DAC) system needs. The second part of the talk will describe a recent project at ATF to identify a common client-server DAC SW architecture that will result in safer and more reliable operations across the entire ATF DAC system portfolio and will lower total cost of ownership to ATF (and therefore) our customers.

Please select if talk will be in person or on zoom

In person

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