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Paper Title:	<b>Virtualization Approaches and Lessons Learned</b>
Abstract:	This paper will provide detailed description of two Mission Ops Centers utilizing virtualization technology at NASA Goddard: Landsat-8 (formerly LDCM) and Magnetospheric Multiscale (MMS), plus the use of virtualization in the Joint Polar Satellite System (JPSS) Flight Vehicle Test Suite (FVTS). A compare & contrast will be made between these systems to illustrate design choices and the consequences to implementation. Lessons learned from the Integration and Test of these systems will be shared, followed by a brief survey of virtualization in associated operational environments.

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