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Large Network Software Video Broadcast
412th Range Engineering Group

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5b. GRANT NUMBER

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412th Range Engineering Group
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14. ABSTRACT

At the Air Force Flight Test Center, tests are monitored and controlled in a Mission Control Room (MCR). These control rooms contain up to 50 workstations, each with 2 displays. There are also projector displays, server machines and a variety of incoming external video sources.

Our customers require that any display or video source be repeatable to any other display in the room. In each of these rooms, there is a video switch rack mount device that is connected to many other devices throughout the room, each connected to a workstation machine or projector. As a result, there exists an entire network in each room dedicated solely to transporting video.

This solution meets our customer's requirements for complete video distribution. However, the installation, maintenance and replacement costs have necessitated a more modern, lighter-weight solution.

15. SUBJECT TERMS
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