

## Tim Kelley

Executive Director, Network Services and Telecommunications, Clemson University

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Tim Kelley is Clemson University's Executive Director of Network Services and Telecommunications. Kelley oversees the Clemson computing network, the university's telephone services, building communication wiring and related activities. He is currently overseeing an \$8 million upgrade to Clemson's computing network and recently directed Clemson's connection to the national infrastructure through the creation of C-Light, a new facilities-based network developed and owned by Clemson University.



Kelley's experience covers military, corporate and university organizations. He served in the United States Navy aboard the USS Constellation and USS Kitty Hawk during the Vietnam era where he gained exposure to technology by operating the Navy Tactical Data System (NTDS). This technology later evolved into the Aegis system, which is in use today.

In the mid 1980s, Kelley worked for Electronic Data Systems, where he was a participant in the organization's Network Communicator Development program. He began his university career at Indiana University-Purdue University Indianapolis (IUPUI) in the late 1980s. In 1993 Kelley worked on the initial Network Operation Center (NOC) at IUPUI. His proposal and development of the support model and staff training program helped lead the NOC to operation status the same year.

Kelley furthered his experience on high level and optimum profile projects with his work involving Internet2's Abilene network. He wrote the operational segment of Indiana University's proposal to host the network. Indiana University was awarded the operation. Currently the NOC, now known as the Global Research NOC (GRNOC), hosts a variety of networks, including Abilene.

### Research interests:

- ◆ Cyberinfrastructure
- ◆ Network architecture

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