



Grover Browning
Director, Engineering and Operations
National LambdaRail (NLR)

Grover Browning, Director of Engineering and Operations for National LambdaRail (NLR), has extensive experience designing and deploying next-generation networks.

In his current role he oversees all technical operations for NLR under a contract with Indiana University (IU), where Browning concurrently serves as Manager, National Optical Infrastructures. Browning's responsibilities include managing NLR's distributed Network Operations Center (NOC) Services, including the Service Desk, Layer 1 NOC, Layer 2/3 NOC, NLR Engineering and Field Services; planning and managing the NLR infrastructure; managing NLR's technical and operational relationships as well as overall planning and design for evolving the NLR infrastructure.

In the over three years Browning has worked with NLR, he was instrumental in setting up NLR's Layer 2 (FrameNet) and Layer 3 (PacketNet) networks, and has deployed over 12,000 miles of optical networking equipment encompassing 250 locations, 31 add/drops locations, and \$100M in equipment. This includes the dark build of the NLR Phase2/southern footprint and the replacement of the lit NLR Phase1/Northern footprint on a particularly aggressive schedule with minimal customer impact.

Before NLR, Browning's experience included designing and deploying the Indiana state optical network, iLight. He also deployed the first-generation Internet2 Abilene routers as well as designed and deployed the second-generation Internet2 Abilene routed network.

Browning has a B.A. in Computer Science and Philosophy from Indiana University.

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