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SENSE aims to empower National Labs and Universities to request and provision intelligent network services for their workflows. This comprehensive approach includes deploying SDN infrastructure across multiple labs and WANs, focusing on usability, performance, and resilience. Key features include policy-guided orchestration, auto-provisioning, scheduling of network devices, and Site Resources. Additionally, real-time full life-cycle network monitoring, measurement, and feedback provide resilience and efficiency for science domains.

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