The goal of PrimoGENI is to incorporate real-time network simulation into the GENI "ecosystem." We are extending our existing real-time large-scale network simulator PRIME to become part of the GENI federation.

PrimoGENI will support large-scale GENI experiments with millions of simulated network entities (hosts, routers, and links) and thousands of emulated elements running unmodified network protocols and applications.

Ongoing Efforts:
- IDE/GUI for large-scale network experiments (network scripting in python).
- Real-time experiment monitoring and control.