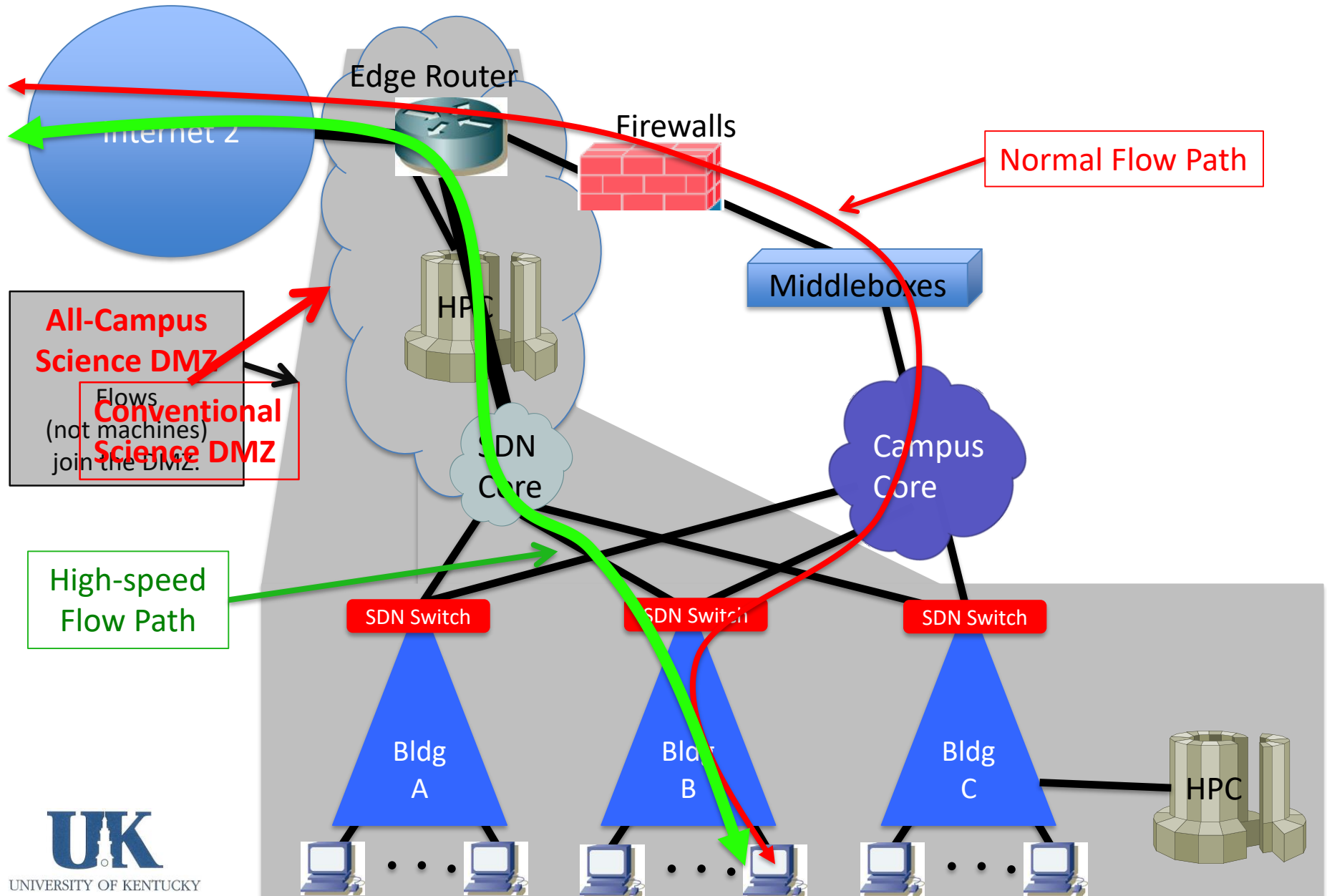


# Developing an All-Campus Science DMZ



# The Future of SDN on Campus

- Flow-specific routes and forwarding rules
  - dynamically computed
  - on small time scales
  - with distinct behaviors (e.g., QoS)
  - and ability to be monitored/policed
- Challenges
  - Lack of vendor support for standards
  - Very basic controller software
  - Network administrator knowledge and buy-in
  - Backward compatibility and interoperability
  - Push toward simplified management

