The Cloud Era has transformed Enterprise infrastructures in many ways. Explore how SD-WAN, powered by Cisco, can enable more secure, consistent and cost effective enterprise connections.

### Enterprise challenges

- **Cloud**
  - >50% traffic in cloud, yet network is not cloud aware
  - SaaS performs poorly
  - Complex workflows for public cloud (AWS/Azure)
  - Auth + encryption + cloud security for hybrid networks

- **Cost**
  - Prohibitive bandwidth costs at $100/mbps
  - Traffic grows 30% YoY
  - Rigid architecture requires 6 – 9 months for simple policy change
  - Mix MPLS with low cost broadband/LTE

- **Application Experience**
  - Application experience (SLA) is unpredictable
  - 70% of app outages are tied to networking problems
  - Active-active hybrid links
  - App aware policies with real time enforcement

- **Security**
  - Difficult to secure
  - Critical enterprise assets, guest wireless, business partners
  - Vulnerabilities in hybrid architectures

### Cisco SD-WAN features

- **Cloud**
  - Single overlay that extends to data center, cloud and branch
  - Dynamic optimization for O365 and other SaaS

- **Cost**
  - Mix MPLS with low cost broadband/LTE
  - Centralized management & app visibility

- **Application Experience**
  - Active-active hybrid links
  - App aware policies with real time enforcement

- **Security**
  - Stronger security for hybrid networks

### Benefits of migrating

- **Cloud**
  - >50% reduction in WAN costs
  - Change control from six months to two days

- **Cost**
  - No app outages due to networking

- **Application Experience**
  - Optimized SaaS response times

- **Security**
  - No app outages due to networking

### To learn more, visit:
cisco.com/go/sdwan