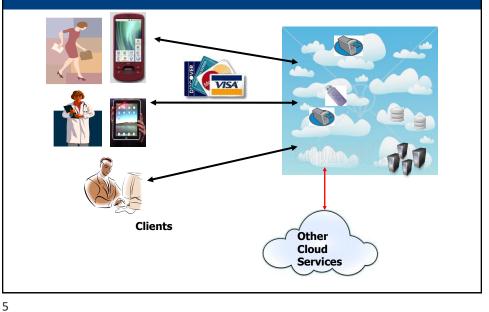
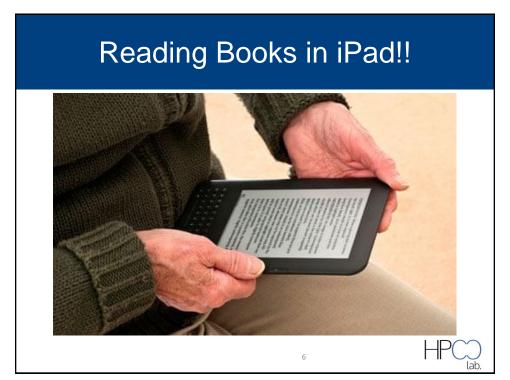
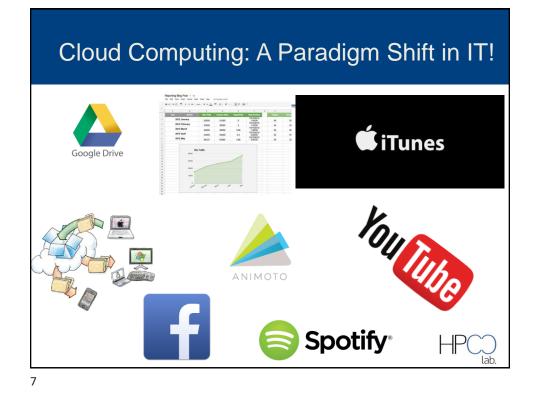


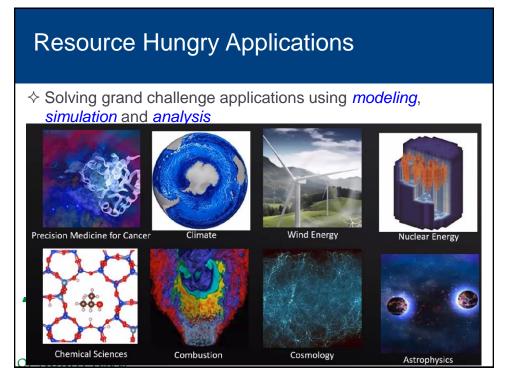


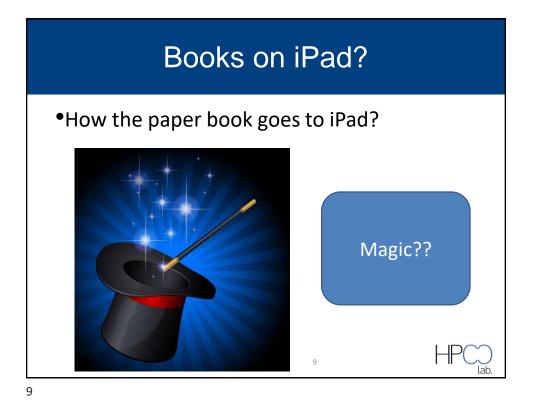
Subscription Oriented Cloud Services: X{compute, apps, data, ..} as a Service (XaaS)

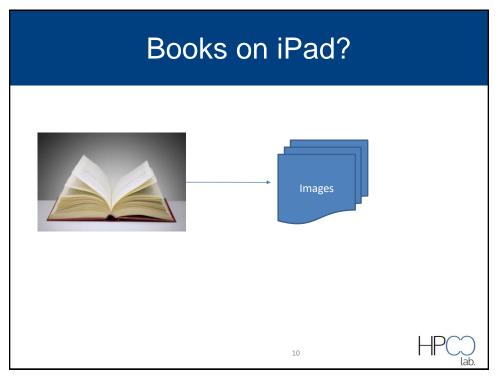


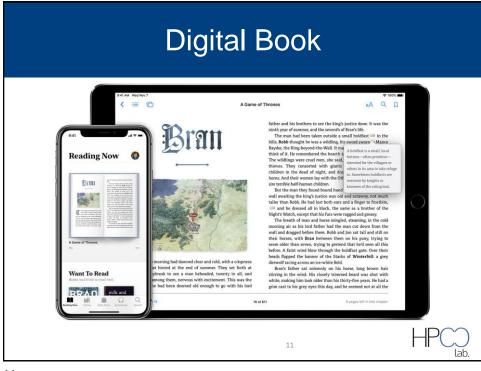


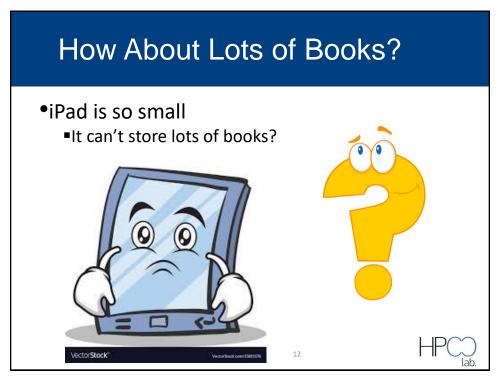




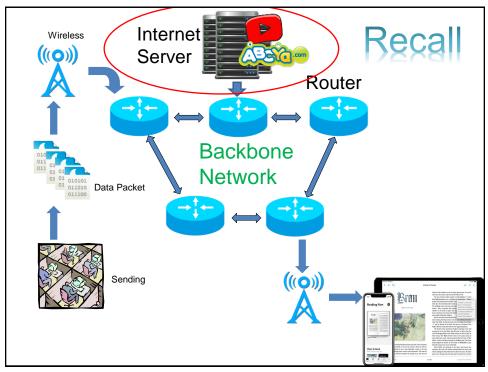








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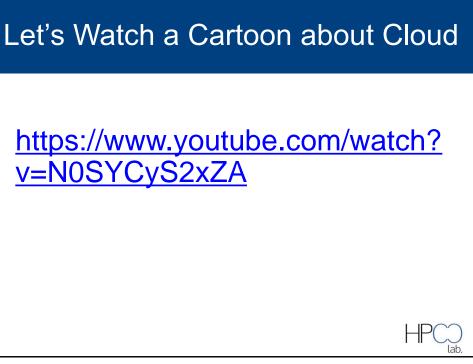


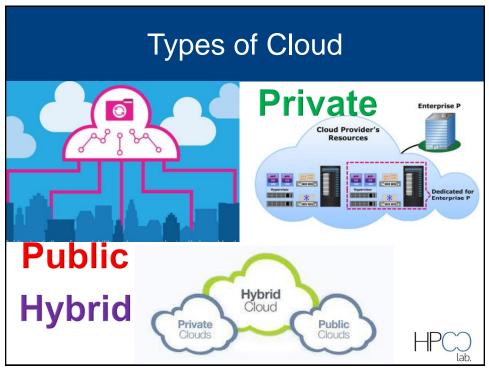


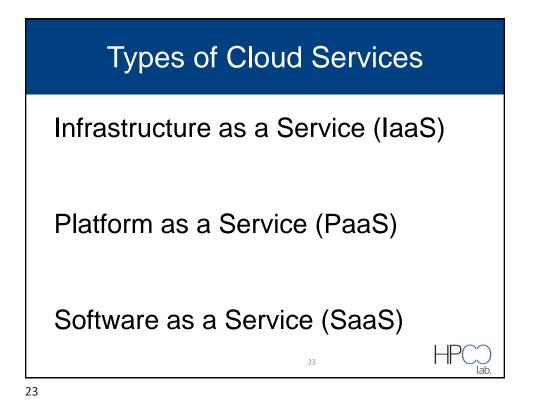
Google Cloud Datacenters

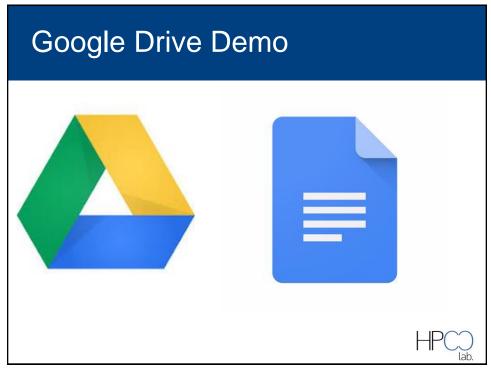




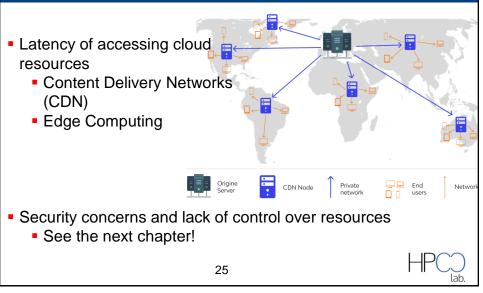


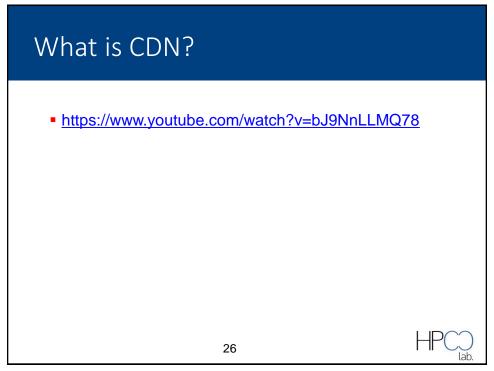




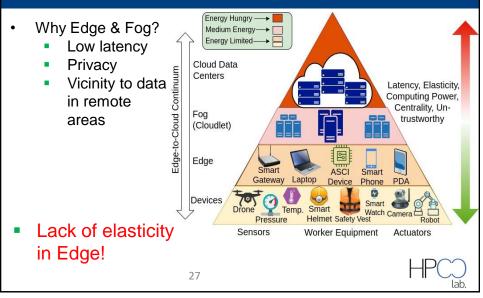


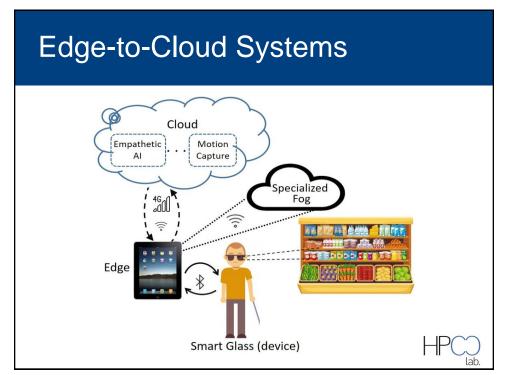






Edge-Fog-Cloud Continuum



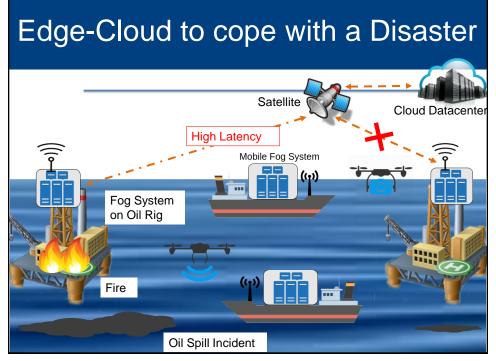


lab.

Motivation: Remote O&G disasters

- O&G in Texas
 - Formation & Hydrocarbon reservoir offshore Gulf
 - O&G contributed \$73B to Louisiana's 2019 GDP (~26%)
- Biggest disasters in Gulf
 - Deep Water Horizon 2010
 - In Louisiana, erosion rates doubled
 - killed **11** workers & took **87** days to control
- Causes:
 - Safety failures
 - Late Oil Spill Detection

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