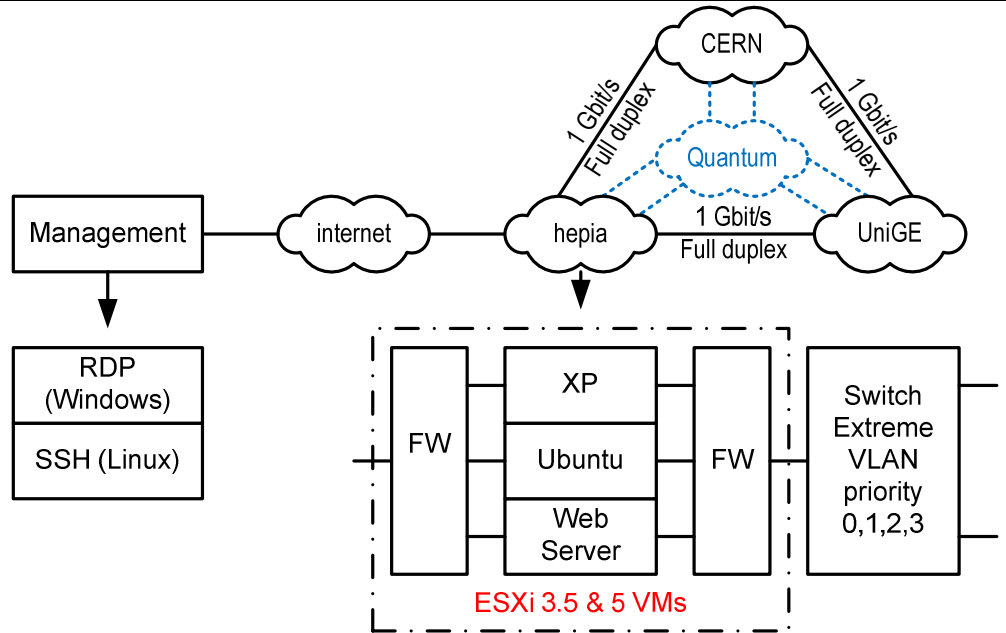


**Contributions of hepia - Genève**

Contact: gerald.litzistorf@hesge.ch  
<http://www.tdeig.ch>

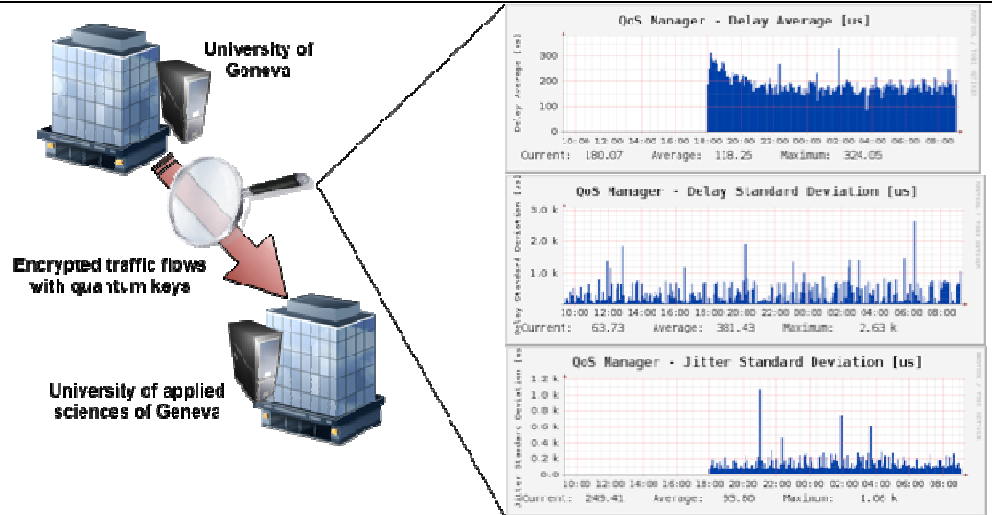
- Design network based on redundancy, Extreme switches & VLAN priorities
- Configuration of firewalls, management stations & web server
- Architecture virtualized with VMware ESXi 3.5  
 New formation module proposed
- Definition of application context (video for inelastic traffic, ...)



**Contributions of EIA-FR**

Contact: francois.buntschu@hefr.ch  
<http://www.eia-fr.ch/fr/rad/itic>

- Generation of realistic traffic to test the components of the infrastructure
- Development of real-time probes for QoS measurement, like delay, throughput, packet loss, jitter, etc.



**Contributions of HEIG-VD**

Contact: pascal.junod@heig-vd.ch  
<http://www.iict.ch>

- Design and implementation of the secure integration of a quantum key within an IPsec protocol stack
- Robust fail-over in case of a defective quantum link
- Throughput of up to 400 Mbps using commodity Linux-based PCs and state-of-the-art cryptography

