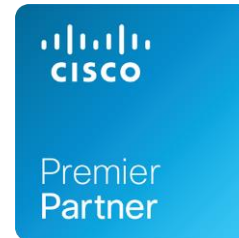


Simplex

your trusted global IT partner

Cisco Powered Data Center and Cloud Services

Michael A. Omerou, Director
14 March 2018



Who we are

- Established in 2005
- Operated the first carrier neutral data center in Cyprus in 2007
- First Cyprus data center to receive ISO 9001 certification in 2014
- First Cyprus data center to receive ISO 27001 from TUV Nord
- First Cypriot member of the European Data Centre Association (EUDCA)
- Leading enterprise IT integrator and partner of major hardware and software vendors



What we do

- Data Center Services:
 - Colocation
 - Cloud Servers/IaaS
 - Dedicated/Bare Metal Servers
 - Disaster Recovery & Business Continuity
- Design & Implementation of Enterprise IT solutions
- Managed Services & Support

Clients

- Customers from all over the world: Cyprus, Europe, Middle East, U.S., Latin America, Australia
- Industries: banking and finance, oil and energy, shipping, professional services, telecoms, betting/gaming and media/broadcasting

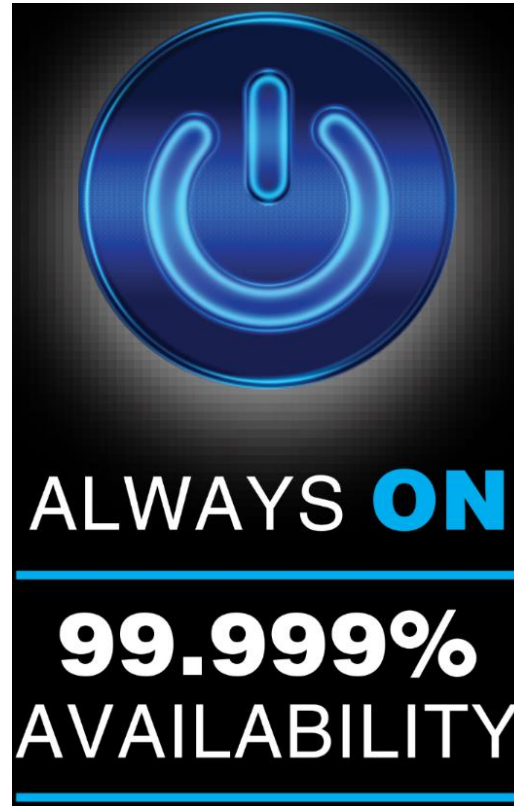
Customer Service Excellence



The Data Center

- Limassol city center
- Two fully interconnected and independent computer rooms
- Power:
 - 3.5 - 6.0 KVA per rack
 - A+B feeds, metered/switched PDUs, STS/ATS
 - 2N UPS redundancy
 - 2N generators with >24hr runtime
 - Fully redundant power from source to the rack
- Cooling:
 - N+1 redundancy
 - ASHRAE 2011 A1 Data Processing Environments: 25 °C (± 2 °C), 50% (± 20 %) RH
 - Hot/cold aisle setup

The Data Center



PUE 1.4 / DCiE 71.7%

Redundant concurrently maintainable components and paths (compliance to Uptime Institute Tier-3)

99.999% SLA - Zero downtime record since operation in 2007

The Data Center

- Security:
 - Full CCTV coverage
 - Intrusion detection
 - Multi-zone, multi-level access control
 - Customer-defined access lists
- Fire Protection:
 - FFAST aspiration sensing technology
 - Optical/laser HSSD
 - FM200 double-knock fire suppression
- Facility Management/Monitoring:
 - Environmental (temperature, humidity, air flow, water detection) monitoring
 - Redundant signalling/alerting
 - Battery operation for all systems
 - 24/7/365
 - Service contracts for all critical systems and fuel supply

Connectivity

- True carrier neutral connectivity
- Redundant fibres from each ISP: diverse paths, diverse entry points, different ISP POPs
- Multi-homed bandwidth with BGP failover
- Point to point connectivity to client premises
- Fully redundant Cisco infrastructure (core routers & switches, distribution switches)



New Data Center - Larnaca

- Driven by:
 - Increasing needs of existing clients, demand from new clients
 - Disaster recovery and business continuity requirements (ex-clients, Limassol & Nicosia businesses)
- Large, purpose-built, single tenant, fenced, 2-floor facility:
 - Ground floor: technical floor/computer rooms
 - Upper floor: serviced offices, business continuity space
- Multi-gigabit WDM connectivity between Limassol and Larnaca
- Green: extensive use of solar power

New Data Center - Larnaca

Coming Q2-Q3 2018



First and only carrier neutral operator in Cyprus with two data centers

Outsourcing vs In-house

- Cost
- Compliance
- Security
- Reliability/Uptime
- Capacity/Flexibility
- Human Expertise

What – How – Where?

- What to outsource?
 - All services/applications or just some of them
 - Primary or disaster recovery infrastructure
- How to outsource?
 - Colocation
 - IaaS
 - Dedicated/Bare Metal Servers
- Where to outsource?
 - Local Data Center/Cloud Provider
 - Global Data Center
 - Public Cloud/Hyperscaler (Microsoft/Azure, Amazon/AWS, Google Cloud)

Conclusion

Is this the right time for your organization to outsource your data center and services/applications?

