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ETISALAT

CASE STUDY

COMPUTER & POWER TECHNOLOGY

SUMMARY & CHALLENGE:

MDS and Etisalat; together have conducted a review of the current Data Center Security requirements specification and validated the various success factors including accurately describing the key objectives and requirements. Based on the documentation and information provided by Etisalat, MDS have gained an understanding of the stated technical requirements for building a Networking Security Solution for all the Data Centers across the UAE.

Etisalat Data Center Networks introduced a world-class, fully dynamic, enterprise security within their IT and Corporate DC systems.

Etisalat is a leading telecommunications corporation catering to consumers, businesses, international telecommunication companies, ISPs, content providers and mobile operators.

IMPLEMENTATION:

- Take advantage of unprecedented service modularity, availability and scalability;
- Introduce a completely new wave of tools to boost user productivity, increase security, flexibility.
- Innovate the way people work together.
- Overall improve the security visibility within legacy Data Center environment.
- Position the Data Center to be cloud security ready.



IMPLEMENTATION DETAILS:

Comprising multiple Data Centre locations across UAE, Etisalat Data Center Security solution delivered a fully compliant and highly secure computing environment with a 99.95% available Service Level Agreement within the Data Center. A redundancy philosophy of N+1 across the proposed security infrastructure ensures that the Juniper SRX Firewalls will have a near-line peer which will seamlessly take over operations should any single/line card/interface in its profile fail. N+1 optimizes availability vs. cost through providing only a single redundant device for the total (N) devices required to service the requirement.

BENEFITS:

New and improved security solutions designed on industry best practices and international standards implemented to ensure that the intellectual property of Etisalat is always protected. Unmanaged devices and users requesting unauthorized access to Data Center applications and services will be denied access whilst only permitting legitimate and authorized users. Application and next generation of threats will be monitored and prevented using advanced security technologies such as Intrusion Prevention Systems and Application Security features.

99.95%

Available service level agreement

N+1 REDUNDANCY PHILOSOPHY

Across the proposed security infrastructure

HOLISTIC SECURITY APPROACH

From denying unauthorized access to monitoring next generation of threats.