iTRINEGY
The Networked Application Performance Lifecycle Specialists

Home Office

INE LCD Guarantees Application Resilience for The Home Office

The Home Office is a lead UK Government Department for Immigration, Passports, Drugs Policy, Counter-terrorism and Police matters.

Hugh Brazier, Specialist Projects Manager with the Home Office, attended a BAPCO conference in London back in 2009. Part of his remit was to guarantee resilience for an application being developed. Hugh realised he needed to locate a solution that would help his team to fully test the needed resilience.

Hugh investigated different technologies designed to test application resilience and prove the performance of any application. Hugh chose iTrinegy's LCD, a standalone, all-in-one portable network emulator meeting his criteria for the resilience test within the project.

An objective of the project was to ensure that no matter what form of network was utilized, data being carried would be successfully and securely delivered. The LCD Network Emulator was used to test the "Data transport mechanism", replicating the network so that the test would give a true experience in real time, demonstrating how the application and data would perform under different and often demanding network conditions.

Hugh comments:
"Home Office projects are thoroughly quality reviewed and tested prior to any granting of authority for release. We therefore utilise technology that is fully capable of meeting our defined requirements. For this particular project, iTrinegy's LCD was able to aid us in this endeavour."

INE LCD helped The Home Office to test application resilience

By purchasing the INE LCD, Hugh's team were able to recreate all the major conditions such as latency, delay, jitter, packet loss/error/reordering etc, that would potentially impact their bespoke applications, including symmetrical and asymmetrical connectivities.

Hugh continues *"The INE LCD testing was highly successful and we were able to fully understand all of the network conditions that would impact the applications under development"*.

iTrinegy's LCD is a standalone, all-in-one portable network emulator and takes a short time to set-up the network conditions for the specific test, such as restricted bandwidth, packet loss cad delay (latency), It can also show data throughput (packets/sec, bits/sec). All set up is achieved by pressing a few buttons on the front console.

INE- LCD is part of a 'suite' of network emulation products that recreate a wide range of network environments enabling many organizations to conduct pre-deployment testing of application performance.

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