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IT Security and Forensic Services

Case Study – A Government ICT Forum

Brief

To develop secure database application for a Government funded ICT forum registration process. Many attendees to this event are government officials and industry leaders hence it was imperative to employ the consultancy of a security specialist organisation. Information gathered at registration for this event included high profile minister's personal mobile numbers, as well as their itineraries, including hotel address, for the duration of the event. Secure reporting services were also required for the Government staff running the event so that they could gather information from registrations. The transfer of this information needed to be secure.

Solutions

Our first task was to source a robust server on which this application could be hosted. Firewall rules and intrusion detection systems were put in place and then a full penetration test performed. Application development did not begin until a full security implementation cycle was designed with multiple checkpoints along the development path. After completion of the application development another full penetration test was performed on the server and application. All web services were run over SSL including the administrative reporting functions, which generated complex spreadsheets for registration purposes. Ultimately a push technology was utilised to encrypt spreadsheet information sent across the clients network.