



Bangladesh Immigration Management System (IMS) Maintenance Phase 4

Location of Assignment	Bangladesh
Client	Special Branch, Bangladesh Police
Reference Contact	S.N. MD. Najrul Islam Special Superintendent of Police (Finance) Email: ssfinancesb@police.gov.bd Phone: +880 2 9335263
Period of Activity	January 2024 to Present
Status	Ongoing
Nature of Work	<p>The scope of the project includes the support and maintenance of the database system of the Immigration Management System, which utilizes a 3-tier architecture with a central Oracle database system, business rules in the middle tier, and front-end applications at the end user's host PCs. The central Oracle database system, configured with Oracle Real Application Clusters (RAC), executes about 30,000 transactions per day and is accessible through web browsers.</p> <p>The system comprises various modules, including a newly implemented module with an Automated Fingerprint Identification System (AFIS) at four major Immigration Check Points, for which we provided maintenance services. The project scope includes maintaining the Oracle RAC system, installing an additional node with new servers and related hardware, and ensuring robust security for handling confidential data within various remote databases connected to the Oracle OLTP Database.</p> <p>Additionally, Oracle Metalink support was arranged to ensure efficient troubleshooting and software updates. Technical support services were also provided, including the reinstallation of relevant Oracle software and configurations in case of failures at any of the 26 Immigration Check Points, covered under warranty.</p>
Total Man-Month	N/A