



PBI Integrated Biometric and Information Sharing Solution with NID Database

Location of Assignment	Dhaka, Bangladesh
Client	Police Bureau of Investigation (PBI), Bangladesh Police
Reference Contact	Mia Masud Karim Project Director Email: ssipa_f.pbi@police.gov.bd Phone: 02-9615721
Period of Activity	October 2018 to November 2018
Status	Completed
Nature of Work	<p>The project scope included, but not limited to, design and development of the web and mobile based application software for suspect identification and verification system, namely, the Biometric Information Sharing Solution (IBISS) with NID Database. Other mobile and handheld forensic devices were supplied to PBI under the umbrella of PBI SIVS project. Scope of this project thus included the integration and configuration of the components supplied with the IBISS system software so that PBI officials can seamlessly use them both at crime scene and in office. The system facilitates matching the captured data against the NID database to verify the identity. The system is capable of matching with BEC citizen database of over 100 million records and instantly view the NID information on screen through 1:N fingerprint match. The PBI is also using the system for surveillance and access control inside their Headquarters for outsider visitors.</p> <p>We have also developed GIS mapping enabled mobile application for the handheld devices that allows the field-level officers of PBI to input geographical data about the crime location or related places to a particular case etc. Based on the GIS data that are collected and sent to the central server, the web based admin panel allows the users view real time location of the places of interest for the cases and generate related reporting and patterns that help them solve the current cases more efficiently and predict future crimes based on the patterns that are evaluated by the integrated GIS software.</p>
Total Man-Month	12