



RAB Criminal AFIS

Location of Assignment	Dhaka, Bangladesh
Client	Rapid Action Battalion (RAB)
Reference Contact	Wing Commander Director (Admin & Finance) RAB Forces Headquarter, Dhaka
Period of Activity	June 2021 to Present
Status	Ongoing
Nature of Work	<p>The scope of this project included design, development, implementation, and deployment of RAB Criminal AFIS (Automated Fingerprint Identification System) and FRS (Facial Recognition System) based on the requirements gathered during the software requirements specification phase, analyzed and specified. The resultant SRS document included a detailed list and description for each of the functional and non-functional requirements based on the clients' needs. The scope also included supply and commissioning of the enrolment kit/application software and a comprehensive web portal. Both the application software and web portal feature a multifactor authentication system, which is used for letting the authorized personnel access the system, which increases the security of both the mobile app and the portal. The search feature has also been enhanced and modernized and as a result, the users can search with multiple criteria at a time without significant processing overhead. Data export and import facilities have been improved; software and app are updated properly, and also regularly monitored and maintained. Lastly, a robust audit trail module has been developed that makes sure that the system is running without any unsupervised or unaudited activities that eventually leads to less corrupted or unwanted activities by the system users.</p>
Total Man-Month	112