PROJECT SUMMARY

Title of Project: Healthcare Information System	
Local Company: State Informatics Ltd	
Main Collaborating Institution: University of Mauritius	
Project Leader: Mr. Ranoo Patil Hunma	

Research Collaborator(s)	
Name	**Organisation**
1. Dr Mohammad Issack Santally 2. Dr Oomesh Gukhool	University of Mauritius University of Mauritius

Technical Abstract

The healthcare system in Mauritius presently lacks a proper information system in order to improve services provided in public hospitals. Electronic health records systems are expensive and fairly complex for the application in the local context due to the present system's intricacies. The expected outcome of this project is to develop a Healthcare Information System (HIS) for Mauritius and for the region, to improve health services in public and private hospitals, as well as from private practitioners. The aim is to provide a common robust and scalable platform to stakeholders of the medical sector, which will enable global visibility on issues and trends, and contribute to an early health warning system through timely access and secured sharing of medical information. The HIS will consist of a Patient Medical Record and Scheduling System, a Patient Portal, and Health Analytics capabilities.

Key Words: standards-based electronic health record, user interface for healthcare, security and protection of sensitive personal data, end user platform flexibility, cloud computing, medical equipment interfacing, usability engineering, user-driven innovation