

PROJECT SUMMARY

Ref No.: MRC-CRIG-A04	PROPOSAL TITLE: Healthcare Information System	
Priority Area: ICT/BPO/Telecommunications		
NAME OF LOCAL COMPANY: STATE INFORMATICS LIMITED		
General Manager: Mr Kemraz MOHEE		
Collaborating Institution: University of Mauritius (UOM)		
Head of Collaborating Institution: Prof R MOHEE (signed by Assoc Prof T D JOWAHEER, Pro Vice Chancellor)		
PROJECT LEADER		
Name: Mr Ranoo Patil (Shyam) HUNMA		Company: State Informatics Limited
RESEARCH COLLABORATOR(S)		
Name		Organisation
1. Dr Mohammad Issack SANTALLY		University of Mauritius (UOM)
2. Dr Oomesh GUKHOOL		University of Mauritius (UOM)
PROJECT COLLABORATOR(S)		
Name		Organisation
1. Mr Ghirish GAJEELEE		State Informatics Limited
2. Mr Venkata Sai Bhagyaraj Naidoo SOKAPPADU		State Informatics Limited
3. Dr Leckraj Amal BHOLAH		Consultant
4. Dr Kemley Beharee		Consultant
TECHNICAL ABSTRACT		
<p>The healthcare system in Mauritius presently lacks a proper information system in order to improve services provided in public hospitals.</p> <p>Electronic health records systems are expensive and fairly complex for the application in the local context due to the present system's intricacies.</p> <p>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.</p> <p>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.</p> <p>The HIS will consist of a Patient Medical Record and Scheduling System, a Patient Portal, and Health Analytics capabilities.</p>		
Key Words: standards-based electronic health record, data mining, 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		

