

# ***SMART HEALTH CARD***

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WHITE PAPER

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## **Intoduction**

Health card system has proved to overcome the problem of registering the patient on every individual encounter to the hospital. It serves as an efficient tool over all the counters of the hospital to ease the work of the end users and hence to reduce the patient waiting time. Another advanced terminology that is spoken in recent times is the "Smart Card" system within hospitals. Patients desire to use such a system to enjoy the benefits of cashless transactions, and the system for sure aligns itself towards "Digital India".

## **Problem**

Though the smart card system provides patients the benefit to avail any services within the hospital campus by a single swipe, the need to carry the smart card along with the hospital's health card and to look after their security would definitely be a challenge to the patients.

## **Solution**

A very good way to sort out this problem would be to provide all the benefits of a smart card system and at the same time eliminate the need of multiple cards. The health card given to the patient during first time registration will contain a unique barcode series embedded on it. An effective HIS software should be able to perform all the transactions over any of it's modules by using a barcode scanner without having to enter the registration number manually. The patient can deposit an advance amount in the billing counter and the patient should also be able to choose for what bill types this amount has to be utilised, say for eg, for only OP Bills, Pharmacy bills, All bills, etc,. So whenever the patient visits the hospital and wants to carry out a service by utilizing the prepaid amount, the health card will serve this purpose.

The end user can get to know about the deposited amount against this patient by the information extracted by the barcode on this health card. The paid advance amount can also be refunded to the patients on their request, if needed. The refund rights can be allotted to the end users and an approval hierarchy can be fixed for this refund approval. Hence, the functionalities of the smart card are incorporated on the health card itself which will comfort the patients to a large extent.

**For More Information,**

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