

# SERIS - Smart City (IoT)

Moving towards the IoT way of managing Padlocks.



Designed along the Government move towards achieving a Smart Nation and Smart Home, ST Electronics (Info-Software Systems) developed an integrated enterprise solution to manage physical sites access control with Smart Locks as key frontend components. Our SensSecure platform is our Smart City IoT solution that virtualises the physical key of a lock.

## CHALLENGES OF USING THE TRADITIONAL LOCKS

Organisations and businesses tend to face issues like handling multiple keys for different locks and being unaware of who is using the facilities. Our SensSecure solution is able to issue a secure electronic “Key Token” to a smartphone to unlock an IOT padlock.

With this, users can do away with

labour intensive chores of issuing physical keys. This can reduce the administration issues and human errors like providing the wrong key for the locks and who is keeping which keys.

## INCREASE IN BUSINESS AWARENESS

Developed with smart analytics, the system will enable users to discover anomalies which can be converted to actionable intelligence. Together with clear indications of who is using the facilities and the duration of time at the site. This will help to increase the overall security of the facilities.

By using a digital token to unlock the Smart Lock, it can also reduce the tendency of having illegal duplicated key sets and missing key sets. This will in turn reduce the number of field issues faced by the administrators.

## SOLUTION FEATURES

- Flexible and scalable enterprise solution
- Web-based and mobile friendly
- Secure digital infrastructure

With our SensSecure solution, organisations can increase their overall efficiency as there is no longer a need to manage logistics with a physical key. Users can also easily access a lock anytime when they need to with a virtual key via smart phone.

