



**Broaden your capabilities.
Safeguard your service quality.**



**Real time guaranteed proof of presence and
incident reporting for added value security
services management**

The "NFC Patrol" platform fully utilizes NFC technology to offer a superior service level in the management of security patrol services.

By combining heavy duty "Securi-Touch" NFC tags with the appropriate software and portable devices, one can implement a new method of performing security checks and patrols in indoor and outdoor locations.

Every security checkpoint is equipped with its registered unique "Securi-Touch" tag enabling the patrol guard to swipe his personal NFC mobile phone over the tag to declare and record his presence on site.

A touch is all that is needed in order for the NFC Patrol device to record the guard's presence and securely transmit over-the-air, in real time, the location and status information of the checkpoint to the NFC Patrol monitoring platform.



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Features

- Over-the-air real-time **presence** and status reporting
- Over-the-air downloading of next checkpoint according to predefined routes
- On-demand, ad-hoc messaging and updates Over-the-air (**push messaging**)
- Dual mode functionality
Online – whenever 3G/GPRS coverage is available
Offline – the device records, queues messages and executes a batch update when it re-establishes network connection
- Activation of **silent alarm**
The security officer is notified without any audible or visual indication on the mobile phone
- Supplementary **geo-tagging** of scan information, for GPS-enabled NFC devices
- Capability to **capture and upload photos** from the field
- **Registration**, assignment or replacement of “Securi-Touch” tags during patrol scan on checkpoint
- Reports and statistics for **SLA compliance** according to patrol route schedule
- Client Access on NFC Patrol customized web portal to review the security checks log of selected checkpoints
- **Easy and automated route planning**, even for repeated or looped patrol routes

Solution Components



- NFC mobile devices for security patrol guards
- “Securi-Touch” NFC tag for every checkpoint
- Central Patrol monitoring platform
- Central Route Management and Data Entry application
- Communication servers delivering status updates and O-T-A messages

Platform Advantages

- **Proof of Presence, ease of use**
A touch of the NFC tag, along with the (optional) location geo-tagging is a full-proof verification of the guard being present on the exact checkpoint location.
 - **Checkpoint Status Information Enriched**
Proof of Presence scans are enriched with text, audio and photo attachments providing accurate real-time information on every checkpoint
 - **Real-time data communications**
The central monitoring platform has accurate and real-time records of the status of all patrol routes, of delays, deviations from schedule or alarms. It is also able to push messages and altered route plans directly to the security patrol guards on the field.
 - **Multi-tier encryption and data security**
Data encrypted on tag, SSL & VPN technologies for over-the-air data transfer, message authentication & validation, database encryption and storage, access levels and user/device authentication for login.
 - **Multi-device and multiplatform**
The NFC Patrol service can be deployed on any mobile phone supporting NFC** giving you several options for devices.
 - **Strict SLA monitoring**
Security checks may be scheduled to reflect existing SLAs and deviations are clearly marked and stored. A full set of statistics & reports can then be used to identify discrepancies arising from different sources (e.g. specific routes, security checkpoints, time intervals, security guards, etc.)
 - **Continuous Service Guaranteed**
The NFC Patrol client application continues to operate even in indoor locations where mobile network coverage is not guaranteed. The offline queuing subsystems ensure that all check point scans (and relevant information) will be stored and transmitted immediately upon network reconnection.
 - **Route templates**
Planning future routes is straightforward with route templates and guard assignment randomization routines. One can easily select a pool of alternative route templates and the time-frame to be applied to; NFC Patrol will randomly assign route variations on security guards automatically.
- ** Android NFC and JSR 257 platforms currently supported*