NFC Tags Serve as Alternative to GPS for Presence Verification

'Tap to Verify' from codeREADr Offers Non-Intrusive Tracking with Negligible Battery Drain

BOSTON, MA, UNITED STATES, April 29, 2014 /EINPresswire.com/ -- The developers of the codeREADr, an enterprise barcode scanning app, have today released 'Tap to Verify' using NFC tags to authenticate a worker's physical presence at fixed locations or at any high-value asset, whether fixed or mobile. The service is offered as an alternative to GPS tracking which can sometimes be intrusive for workers and quickly drain their smartphone's battery.

While GPS is required for continuous location tracking, tamper-proof NFC tags embedded with a unique identifier (TID) can serve as an alternative when verifying the time, date and location of a worker's physical presence at a point of service.

"Clients with strict reporting requirements for service or security tasks often use our GPS tracking feature. Alternatively, if continuous tracking isn't required, they can now place NFC tags at pre-determined locations or on high-value assets and verify that the workers were actually on location or at the actual asset when performing their tasks," said Rich Eicher Sr., codeREADr's director of business development.

"While similarly placed barcodes are sufficient for most applications, they are a visual media that could potentially be copied. NFC tags, on the other hand, offer a higher degree of presence certainty because the TID embedded in the tag cannot be copied," said Eicher.

The codeREADr app reads the tag's TID and authenticates it against a database of valid TIDs residing on the codeREADr or client's server. The resulting scan record includes the TID, date, time, capture method (i.e. NFC read, barcode scan, text entry or TID lookup) and any other data collected at the point of service. Clients can filter scan records by the capture method (called a 'scan property') and then view the results online, export a CSV file or retrieve using APIs.

Standard and rugged NFC tags are available from a number of suppliers in the form of decals, labels, hang tags, windshield mounts, etc. The can be combined with human-readable text and 1D or 2D barcodes.

The codeREADr app is available for iOS, Android and BlackBerry 10.2.1+ OS devices. Currently only codeREADr for Android can read NFC tags. The company's roadmap includes enabling iOS and BlackBerry devices in the coming months.

For more information please visit codeREADr.com or the codeREADr blog here.

Richard Eicher Sr
codeREADr
1-617-279-0040 x1
email us here