HONEYWELL AND SOCIAL MOBILE®
FASTER, BETTER BARCODE SCANNING FOR RETAILERS

Case Study

The Honeywell N6703SR Scan Engine, used in Social Mobile's Rhino T5se handheld devices, directly contributes to improved inventory tracking and increased employee output.

BACKGROUND

Honeywell is a global leader in scanning technology with over 40 years of delivering robust hardware and software scanning solutions to customers in the retail sector.

Social Mobile® is a vertically integrated OEM and consultancy specializing in designing customizable GMS Android-powered smart solutions for enterprise. The company designs, develops, and deploys turnkey solutions that enable clients to bring their services and products to market quickly and efficiently.

Together, Honeywell and Social Mobile have proven experience in helping teams work more efficiently in retail, hospitality, education, and government, jointly bringing our customers' products from concept to market. Powered by Honeywell's world-class scan engines, Social Mobile's Android™-based solutions for retail cost effectively enable both storefront and backroom employees to improve efficiency and accuracy, increasing output and enhancing the customer experience.

CUSTOMER NEEDS

Social Mobile needed to create a purpose-built, mobile device for a national retailer that could be deployed to all of its associates globally. This device needed to be high performing in order to improve employee productivity and small enough to reduce employee fatigue.

The Rhino T5se needed to be small and light enough to be held for an eight-hour shift yet have robust scanning capabilities because it was intended to function in less than optimal warehouse conditions.

The Rhino T5se also needed to be developed within a four-month window, which would require engineering support from any partner that Social Mobile chose.

HONEYWELL SOLUTION

Known for their innovation in scanning, Honeywell stood out amongst a multitude of competitors to be selected as the partner of choice for the development of Social Mobile's new retail device. Not only did the Honeywell solution meet the requirements for the

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QUICK FACTS

Honeywell Solution
N6703SR Scan Engine

- **Customer:** Social Mobile
- **Location:** United States
- **Industry:** multi-industry
- **Website:** https://socialmobile.com

Customer Results
- **Better ergonomics:** Small and light handheld device mitigates fatigue so that employees can carry device for a full shift.

- **Flexibility:** Faster scanning in a variety of scenarios including low-level lighting and extreme temperatures.

- **Speedy:** Ability to act with urgency to meet customer's needs in a compressed time frame.

Why Choose Honeywell
- Global leader in scanning with high-performance scan engines in a small form factor.

- Timely engineering expertise available from project start to finish.

Honeywell

new device, the N6703SR outperformed its competitors by providing better scan speed, longer depth of field, better motion tolerance, and a smaller form factor.

"Once the opportunity was presented to us, our team worked around the clock to make it a reality. As part of securing such a high-profile contract, we needed a partner who could match our enthusiasm for creating a one-of-a-kind device. In the end, partnering with an iconic company like Honeywell, who have already helped bring countless innovative products to market, was a crucial component in the successful execution of this project."

– ROBERT MORCOS, SOCIAL MOBILE FOUNDER AND CEO

Another contributing factor was Honeywell's reputation for working directly with OEMs to support innovation. Considering Social Mobile's compressed development schedule of four months, Honeywell quickly moved to support Social Mobile's product development efforts.
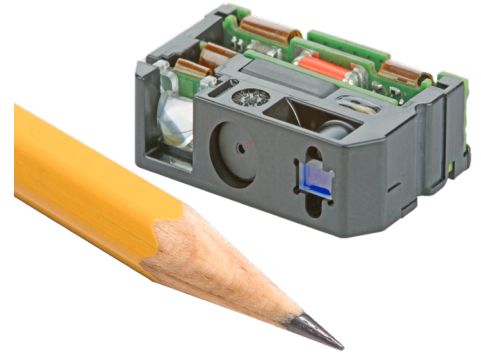
Within only one week of initial engagement, Honeywell consulted with the Social Mobile team, outlined the opportunity, and mapped out an integration plan to use Honeywell's flagship scan engine, the N6703SR, for its robust scan capabilities. Shortly thereafter, the units were quickly manufactured for product development and the initial pilot run.

Honeywell's engineering team supported a rapid integration process to ensure that the device would be developed and certified within the short time frame.

THE BENEFITS

- **Reduced fatigue:** The N6703SR Scan Engine's compact design allowed Social Mobile to develop a device with a smaller form factor that retail associates could carry for an eight-hour shift, reducing fatigue.
- **Improved productivity:** The N6703SR's powerful processor and optics allowed for faster scanning of a variety of different barcodes, including damaged barcodes.
- **Greater flexibility:** The N6703SR's software is tightly aligned with the Android OS, enabling rapid product development and over-the-air updates.

The greatest indicator of a well-chosen scan engine was the positive client feedback that Social Mobile received during product testing. The Honeywell scan engine delivered the desired results during a multi-store proof of technology test, proving increased productivity, employee satisfaction and improved customer experience.

Honeywell N6703SR slim and ultra-compact scan engine

Rhino T5se handheld device

Find out more

To learn more about Honeywell scan engines and barcode decoding software, visit our website.

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