

# OT-Morpho partners with Khushi Baby to deliver advanced health monitoring of mothers and children in India

Syscom Corporation Ltd, a subsidiary of OT-Morpho, a world leader in digital security and identification technologies, partners with Khushi Baby Inc., a US nonprofit organization engaged in the field of social health innovation.

# IDENTITY

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Together, they provide a fully decentralized **biometric wearable** and **digital health platform** to monitor and respond to the health of pregnant mothers and newborn children in rural India. Deployed in over 300 villages with the District Health Society of Udaipur in Rajasthan, this project is a world's first.

The Khushi Baby platform involves a **digital health record** worn as a necklace by pregnant women and babies and a **mobile application** for community health workers to interface with this necklace. The pregnant women and child record is updated through Near Field Communication (NFC) at the point of service. The approach allows the patient to attend any camp with any health worker and have their record read, regardless of connectivity. It also serves as auditable proof that health care reached the beneficiary. When community health workers return from the field to areas with cellular coverage, data is securely synced to a dashboard for health officials so that they can respond in real-time to health worker attendance, performance and data quality, supply side shortages at the point of care, and high risk pregnancies and infancies.

The Khushi Baby solution has been strengthened by incorporating use of the MorphoTablet, the secure biometric tablet of OT-Morpho. With this tablet, the Khushi Baby platform brings industry leading biometric security to protect personal health information. Furthermore, by combining the NFC, biometric and security features of the MorphoTablet, the Khushi Baby platform can authenticate individual ownership of their health record and take patient consent before making any updates – all in a manner that is offline and independent of the specific tablet used.

In the first two months of launch, the Khushi Baby platform has conducted 3,000 registrations and tracked over 20,000 immunizations for infants.



Our goal is to build appropriate technology to reach every mother and child to ensure their health care is properly tracked. No mother or child, especially those most underserved, should be denied informed care due to an inability to access their medical history. We are proud to be associated with OT-Morpho in order to ensure robustness and security of the records by integration of biometrics and specialized hardware solutions.

Ruchit Nagar, CEO of Khushi Baby

*“We are very pleased to bring our expertise in the field of biometrics to contribute to this social innovation program led by Khushi Baby. This project shows us how biometrics and technology can be powerful tools to improve access to essential care for isolated populations,”* declared Jessica Westerouen van Meeteren, OT-Morpho, Executive Vice President of Government Identity Solutions Division at Morpho.

**OT-Morpho** - is now IDEMIA, the global leader in trusted identities for an increasingly digital world, with the ambition to empower citizens and consumers alike to interact, pay, connect, travel and vote in ways that are now possible in a connected environment.

Securing our identity has become mission critical in the world we live in today. By standing for Augmented Identity, we reinvent the way we think, produce, use and protect this asset, whether for individuals or for objects. We ensure privacy and trust as well as guarantee secure, authenticated and verifiable transactions for international clients from Financial, Telecom, Identity, Security and IoT sectors.

With close to €3bn in revenues, IDEMIA is the result of the merger between OT (Oberthur Technologies) and Safran Identity & Security (Morpho). This new company counts 14,000 employees of more than 80 nationalities and serves clients in 180 countries.

For more information, visit [www.idemia.com](http://www.idemia.com) / Follow @IdemiaGroup on Twitter



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