



Nomura Research Institute Group

NRI to integrate palm-based biometric authentication technology to Sony Life's mobile app

Palm-based biometric offers greater level of device protection than traditional fingerprint-based solutions

Tokyo, December 16, 2020, NRI, a leading provider of consulting services and system solutions, announced the successful integration of palm-based biometric authentication to C-SAAF Mobile, a mobile application used by Lifeplanner sales employees at Sony Life Insurance Co., Ltd (Sony Life). PalmID, the palm-based authentication technology developed by Redrock Biometric allows users to login to an app by using their palm print. The solution has been in use by Lifeplanner sales employees at Sony Life since March 2020.

PalmID authenticates each login by collating pictures of user's palm taken with a camera on a mobile phone. The technology works with any type of camera across mobile phones and requires no new hardware to be installed prior to use. In addition, the frequency of false recognition is much lower compared to conventional fingerprint authentication. Using palms for biometric authentication significantly decreases the risk of spoofing compared to fingerprints, as they cannot be easily traced from the surface of your phone. Using palm identification results in increased physical security for mobile devices and prevents unlocking of devices that are lost or stolen.

As part of the team leading this implementation NRI engineers worked with Sony Life and Redrock Biometric to develop the program and timeline for PalmID, as well as provide the implementation manual for Sony Life developers and IT staff. NRI also led the development of proof-of-concept studies of Redrock Biometric's technology to assure accuracy and monitor functionality.

NRI has a strong record of assisting Japanese insurance companies with their digital transformation. In 2016, NRI opened its innovation office in Silicon Valley to promote R&D initiatives by conducting proof of concept studies and collaborating with local technology startups. NRI's relationship with Sony Life and Redrock Biometric was formed as a part of this Silicon Valley initiative.

About NRI

Founded in 1965, NRI is a leading global provider of system solutions and consulting services, including management consulting, system integration, and IT management and solutions for the financial, manufacturing, retail and service industries. Clients from all layers of these individual industries partner with NRI to tap NRI's research expertise and innovative solutions across the organization to expand businesses, design corporate structures and create new business strategies. NRI has more than 13,000 employees in more than 50 offices globally including New York, London, Tokyo, Hong Kong, Singapore, and Australia. NRI reports annual sales above \$4.8 billion. NRI is rated "A" by S&P Global Ratings Japan. For more information, visit <https://www.nri.com/en>

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