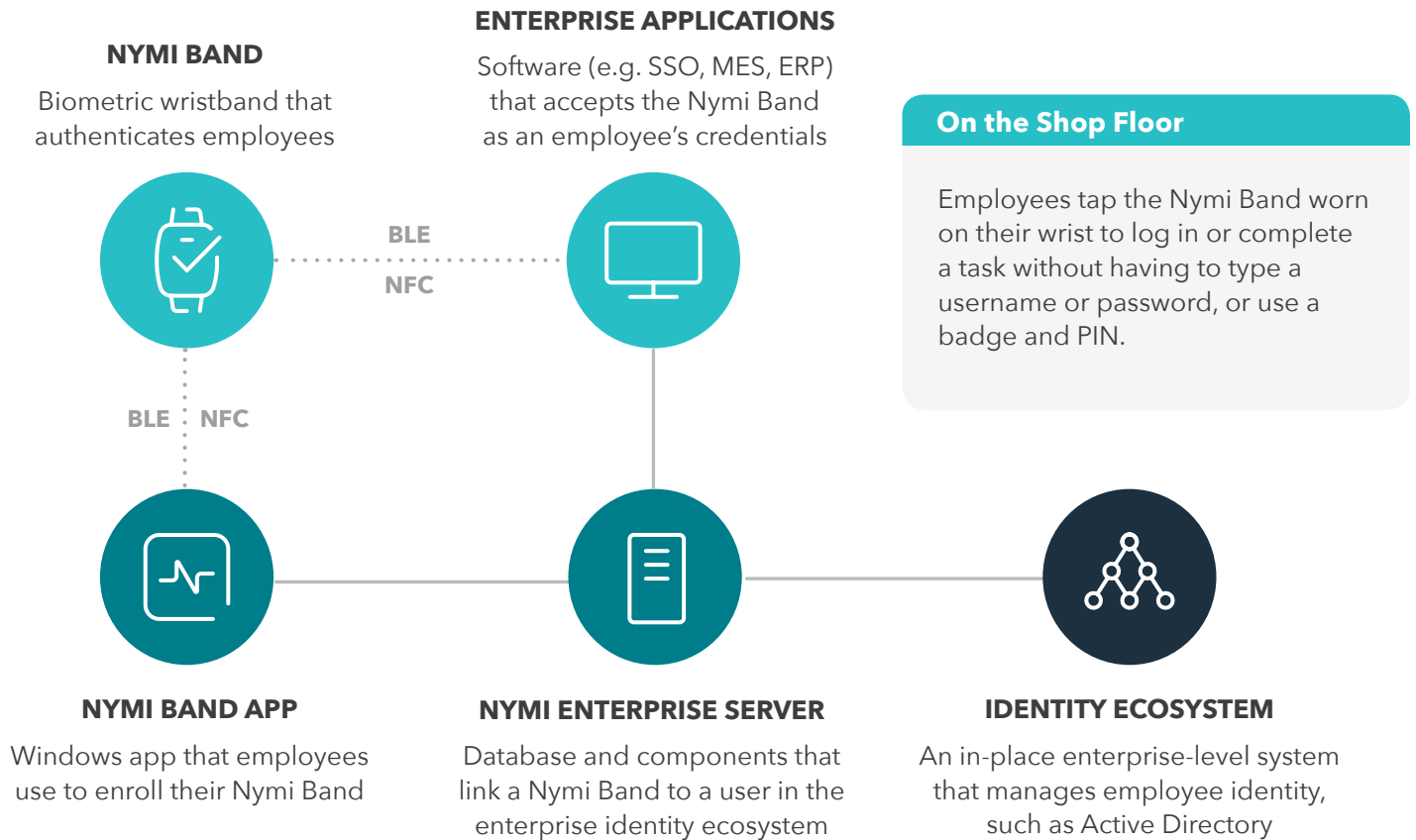


Nymi Enterprise Edition

Technology Brief

Overview

With Nymi Enterprise Edition deployed on a shop floor, interactions with enterprise software are fast and secure.



How to Deploy



Single Sign-On (SSO)

Nymi technology is available in Evidian Enterprise SSO, sold by Atos.



Manufacturing Execution System (MES)

Nymi technology is being integrated with PASIX MES, sold by Werum.



Custom Nymi Integration

Nymi's Software Development Kit (SDK) allows you to integrate Nymi Enterprise Edition with your enterprise software and identity ecosystem.

Nymi Band

The Nymi Band is the leading multi-factor biometric wearable that uses a combination of liveness detection and fingerprint validation to authenticate an employee. On-body detection persists the authentication until that employee removes the Nymi Band from their wrist. As a result, they only need to authenticate once per shift.



- Secure storage of biometric data
- Biometric data never leaves the Nymi Band
- BLE and NFC communications
- 3 day battery life, standard micro USB charger
- Works under gloves and clean room suits
- Hypoallergenic materials, one-size trimmable strap
- Designed for use in harsh industrial environments

Nymi Enterprise Server

Nymi Enterprise Server creates a secure and non-repudiable link between a Nymi Band, an employee's corporate identity, and the software that they use on the job. It is comprised of an SQL database, back-end services that communicate with the identity ecosystem, and an Administrator Console for managing group policies.

Nymi Band application

The Nymi Band application allows employees to enroll their Nymi Band so that they can use it on the job. Enrollment includes:

- Creating and storing the fingerprint locally on the Nymi Band
- Linking the employee and the Nymi Band in Nymi Enterprise Server
- Setting up any other features enabled by the administrator

Nymi Software Development Kit (SDK)

The Nymi SDK provides developers with tools to integrate the following enterprise applications with Nymi Enterprise Edition:

- Single Sign-On (SSO)
- Manufacturing Execution System (MES)
- Enterprise Resource Planning (ERP)
- Human Machine Interface (HMI)

And enables employees to use their Nymi Bands to:

- Sign an electronic document or grant approval
- Log in, lock, and unlock their accounts
- Record an action

Basic Requirements

Nymi Enterprise Server

Windows Server 2012 R2 or Windows Server 2016

Nymi Band application

Windows 10 and 7, 64-bit only

Using the Nymi SDK

The Nymi SDK includes an API that exposes a simple C interface, and a runtime that allows developers to write apps that interact with real Nymi Bands.

The Nymi SDK is supported on Windows 10 (64-bit only) and Windows 7 (64 and 32 bit).

Email info@nymi.com to request the Nymi SDK or schedule a call with one of our Technical Sales Reps.