



Nymi

Passwordless Multi-Factor Authentication
(MFA) for Deskless Workers



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Authenticate Once. Work Everywhere.

Nymi is the emerging authentication standard for deskless workers who operate on manufacturing floors, cleanrooms, labs, and non-office environments.

Our biometric wearable, the Nymi Band™, and the Connected Worker Platform digitally empower people in their workplace with a passwordless, contactless, and handsfree authentication experience across applications, systems, and networks.

★ TRUST

14/15

Top Global Pharma
Manufacturers

🚩 GLOBAL REACH

21

Countries and
Counting

📅 PROVEN USE

10+

Years in Pharma
Manufacturing

Why Nymi?



Passwordless MFA

Eliminates password fatigue and enable hands-free tap with biometric wearable authentication that delivers Multi-Factor Authentication (MFA) in one gesture.



Compliance-Ready

Supports compliance with 21 CFR Part 11, EU Annex 11, and GxP electronic signature requirements out-of-the-box.



IT/OT Convergence

Serves as a single identity across IT and OT technology environments.



Privacy by Design

Does not store biometric data on band. Complies with GDPR Right to be Forgotten. Utilizes Zero Trust architecture with no centralized biometric database.



The Nymi Band™ is a
workplace wearable for
passwordless MFA in
regulated environments.

PRODUCTS

Hardware



Nymi Band 4

Secure workplace wearable that persists identity and enables tap-to-authenticate.

FIDO2 CERTIFIED

RUGGEDIZED

ALL-DAY COMFORT

Technical Specifications

Sensors	Fingerprint Accelerometer Optical proximity
Display	OLED monochrome
Outputs	Haptic feedback
Wireless Protocols	Secure NFC BLE v5.4
Secure Credentials	FIDO2 FIDO (U2F) Nymi PKI
Operating Temp	0° to 45° C
Battery Life	Typically 3+ days ¹
Materials	Polycarbonate body TPU strap

UPGRADE

Include physical access with HID SEOS or LEGIC Advant credential inside Nymi Band™.

Choose one or both. Contact sales@nyimi.com for pricing.



Key Features

- Biometric authentication via fingerprint
- Multi-Factor Authentication (MFA)
- Always-On Authentication™
- On-Body Detection system
- FIDO2 Authenticator
- Secure NFC/ BLE tap gestures
- IP66/IP67 Ingress Ratings
- Wristband form-factor
- Comfortable for all-day wear

¹ Based on 300 NFC taps over 10 hours

Nymi Band (ANSI)

Nymi Band 4 hardware variant that is suitable for certain hazardous areas under ANSI guidance.

*Same core functionality as Nymi Band 4 but without haptic feedback.

Why Nymi Band (ANSI)

To support deployment in hazardous locations that are subject to ANSI 12.12.03-2011 or IEC TS 60079-48, Nymi has developed a hardware variant of the Nymi Band 4 with the motor physically removed and other protections put in place.

Identification	Bronze star etched on metal bezel
Serial Number	Will always start with "G"
Outputs	No haptic feedback (motor removed)
Battery Life	2+ days ¹

All other functionality and features remain the same as the standard Nymi Band 4.

NOTICE

The Nymi Band (ANSI) is not ATEX certified.
Nymi will provide technical documentation with evidence demonstrating how the Nymi Band 4 (ANSI) meets requirements of certain hazardous areas.

Fore more information on the Nymi Band (ANSI), contact info@nyimi.com.

¹ Based on 300 NFC taps over 10 hours



The Nymi Connected Worker Platform supports your long-term passwordless journey in OT environments.

PRODUCTS

Software



Nymi Connected Worker Platform

Enterprise software for your passwordless journey in OT environments.

The Nymi Connected Worker Platform (CWP) integrates the Nymi Band with your hard-to-reach enterprise applications and infrastructure. It unlocks additional use cases and extends the capabilities of the Nymi Band. The Nymi CWP is deployed on-premise and connects to the enterprise active directory to manage identity enrollment, authentication policies, access control, electronic signatures, and audit logging.

Components

Nymi Enterprise Server (NES)

The centralized backbone for deploying and managing Nymi Bands at scale. NES handles band-to-user mapping, authentication token issuance, security policy enforcement, and Active Directory integration.

Nymi Band Application (NBA)

The Windows application that orchestrates Nymi Band enrollment—authenticating users, capturing biometric credentials, and registering band information with NES.

Nymi-Enabled Applications (NEAs)

Any application that recognizes a Nymi Band tap for authentication. This includes pre-built integrations with enterprise applications as well as custom native apps built on the Connected Worker Platform.

Nymi Admin Console

Nymi Band management dashboard for configuring authentication policies, managing enrolled users, and generating compliance reports.

Nymi SDK & API

Development toolkit for integrating Nymi Band authentication into your applications. Provides C and WebSocket API interfaces for building NEAs, plus the Nymi Runtime services that handle BLE/NFC communication, band presence tracking, and secure data exchange.

POPULAR INTEGRATIONS

Körber PAS-X, Siemens Opcenter EX PH, Rockwell Automation
PharmaSuite MES / Thin Manager, IGEL, Citrix.

Visit www.nymi.com/nyimi-ready-partners for the full partner ecosystem.



Nymi Connect

One authoritative identity for every regulated action, across every system.

Nymi Connect is a software application built on the Nymi Connected Worker Platform that unifies the authentication experience across GxP systems by facilitating Nymi Band use to a target application.

By binding every action to one attributable human identity, Nymi Connect ensures consistent enforcement, end-to-end traceability, and a complete, system-wide view of who did what, where, and when without relying on passwords

Key Benefits

ZERO INTEGRATIONS

Works with applications that lack modern authentication standards. No custom development, no invasive changes, no training required.

Pilot Mode lets you test compatibility with legacy apps before committing.

MULTI-PLATFORM SUPPORT

Runs on Windows and Android desktops and mobile devices, with additional platforms on the roadmap.

CENTRALIZED AUDITING

Every authentication transaction is logged under a single user identity, making compliance reporting and identity reconciliation simple out of the box.

Nymi Band™



NFC
BLUETOOTH

Nymi Connect
SECURE AUTHENTICATION

LOGIN
E-SIGNATURE

TARGET
APPLICATION



Charging, storage, and other
deployment accessories for
enterprise rollouts.

PRODUCTS

Accessories



Deployment Accessories

Operationalizing Nymi Band at scale.

Nymi offers an array of purpose built accessories for managing hundreds to thousands of Nymi Bands across shifts, sites, and geographies.

Charging and Storage

Individual Charging

Each Nymi Band is individually charged by a magnetic pogo pin charger that features an easy to clasp design without ports for better durability and less contamination risk in industrial environments.

- ✓ Magnetic snap-in alignment
- ✓ USB-A Plug
- ✓ Compact form-factor



Bulk Charging and Storage

The Nymi Power House is our go-to solution for bulk charging and storage needs. One Power House includes charging for up to 10 Nymi Bands at a time. Its modular design accommodates table-top or wall-mounted setups ideal for shift-change workflows where Nymi Bands are returned, charged, and redistributed.

- ✓ Multi-Band Charging
- ✓ Tabletop
- ✓ Wall-Mounted

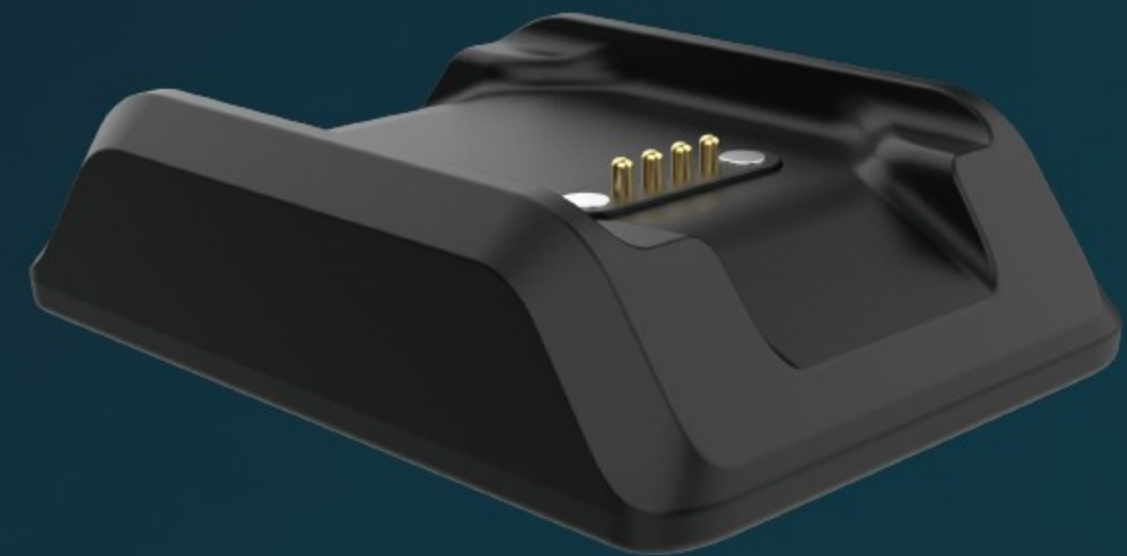


Other Accessories

Cradle

Docking point for charging and storing individual Nymi Bands.

The cradle complements the individual charger so the Nymi Band charges securely in place when docked. Cradles are available for purchase separately for organizations that want to build custom charging and storage stations.



BLE Adapter

USB-A Bluetooth Low Energy adapter that enables the Nymi Band tap

The Nymi BLE adapter is required during Nymi Band enrollment. It is also used at workstations and terminals that don't have native BLE capability to enable day-to-day authentication.



Strap Extender

Extends the Nymi Band strap length

The strap extender is useful in cases of accommodating larger wrist sizes, or for wearing the Nymi Band on alternative locations when wearing the band on the wrist isn't the most practical form-factor for the environment. The extender allows the Nymi Band to be worn on the upper arm or ankle.



Find the right solution
for your organization's
authentication needs.

Solutions



Nymi Band™

Standalone device for FIDO2 authentications



LIGHTWEIGHT

FAST TO DEPLOY

FIDO2 APPLICATIONS ONLY

The Nymi Band is a standards-based wearable authentication factor for FIDO2-supported applications. No additional software or platform required. Organizations purchase the number of bands they need and deploy against their existing identity infrastructure.

This solution is the best choice for organizations that have already modernized their application stack and need a hardware authenticator that creates a passwordless and productive user experience for the deskless, gloved, or gowned workers in hands-busy environments.



What's Included

- ✓ Nymi Band hardware
- ✓ Self-enrollment application
- ✓ Out-of-the-box FIDO2 compatibility

Requirements

- ✓ FIDO2-supported applications
- ✓ Modern identity infrastructure (e.g., Azure AD, Okta, etc.)

Best for organizations with a modern identity stack looking for a lightweight, fast-to-deploy wearable authenticator without the need for additional software, services, or platform investment.



Nymi Connected Worker

The complete bundle:
Nymi Band + Connected Worker Platform + Professional Services

- MOST USED SOLUTION
- FULL CONNECTED WORKER ECOSYSTEM
- GAMP5 VALIDATION SUPPORT

The Nymi Connected Worker solution combines the Nymi Band 4 with the Connected Worker Platform to deliver a seamless experience free of password typing across a broad ecosystem of applications, including legacy systems in hard-to-reach OT environments.

This is the solution deployed by the majority of Nymi customers, operating in industries where critical systems cannot easily support modern authentication standards.

What's Included

- ✓ Nymi Band hardware
- ✓ Connected Worker Platform (On-premise deployment)
- ✓ Professional Services: Implementation, configuration, go-live support
- ✓ Ongoing maintenance and support
- ✓ GAMP 5 validation support: IQ/OQ/PQ templates
- ✓ Administrator and end-user training and enrollment

Requirements

- ✓ On-premise infrastructure for platform deployment
- ✓ Professional Services engagement for initial deployment

Best for organizations operating systems that are hard to modernize, including in pharmaceutical manufacturing, regulated laboratories, and industrial sectors, who need a validated, enterprise-grade passwordless solution across their entire application environment.





Ready to go Passwordless with Nymi?

Let's bring secure authentication
to your deskless workforce.

CONTACT US



Demo

info@nyimi.com

Web

nyimi.com

HQ

Toronto, Canada

Support

support@nyimi.com

Connected in Confidence™