Connected Workers in a Passwordless World

How Nymi is powering the next evolution of identity

Every day, we are developing sophisticated technologies to solve complicated problems, evolve business, and elevate quality of life. However, people still connect to these systems with an antiquated systems-centric credentialing paradigm that has long proven issues in security, privacy, compliance, efficiency, and user experience. We are heading into a roadblock on the exciting path of digital transformation until we overcome these limitations. Doing so will require a shift to a human-centric approach for how people connect to their digital world – one that is safe, secure, and simple.

Nymi has responded to this challenge by creating a way for people and technology to converge in a frictionless, secure, and private manner. Our solution provides an enterprise service that connects people to their entire workplace through one platform and wearable.

Employees are integrated with their workplace through the Nymi Band™ – a first-of-its-kind wearable that puts the power of passwordless, contactless, and handsfree work on your wrist.

For organizations, Nymi provides a Connected Worker Platform that adds interoperability for users interacting with legacy technologies in a Zero Trust framework. It also manages the biometric security and privacy layer of Nymi Band users, policies, and workforce insights.

The root of the connectivity problem

Historically, the accepted approach to designing and adopting new technologies has centered on point solutions, which at scale, creates a technical infrastructure that is a patchwork of segregated systems. Without intersystem connectivity, people are required to connect themselves to each network using separate credentials. Today, workplaces often consist of hundreds of systems and applications, and the responsibility of managing everything falls on its employees – priming them for fatigue, inefficiencies, and security vulnerabilities.

The connected worker: the next evolution of identity

The solution to several intersecting issues, including security, convenience, and efficiency, is found in a new model – one that allows identity to be authenticated once at the person and

allows a platform to facilitate further connections to the systems they need to use. This is the next evolution of identity; employees no longer assume the burden of being manual connectors - they can simply be connected once and to all.

A connected worker solution must prioritize security, privacy, and human factors as equally balanced requirements to deliver a positive worker experience, operational efficiency, and overall business success.

Designed with these elements in mind, the Nymi Connected Worker Platform creates an intermediary layer between employees and their employer's complicated IT infrastructure. It establishes the biometric security and privacy of its users and allows them to inter-operate between disparate technologies. At the same time, the platform lays the foundation for organizations to unlock the power of a digitally connected workforce.

Connecting people and processes-as-a-Service

Nymi connects people to their workplace through a combination of a workplace wearable distributed to employees and a platform owned by the enterprise.

Nymi Band™

Our workplace wearable blends the latest innovations in biometrics, security, and privacy into a wrist-worn format. The Nymi Band digitally empowers people with passwordless, contactless, and handsfree work across their entire workplace.

Employees simply wear their Nymi Band, authenticate as little as once per day, and work until they want to disconnect.

Connected Worker Platform

In conjunction with the wearable, Nymi establishes its biometric security and privacy architecture in its Connected Worker Platform. It is responsible for enrollment, band management, firmware updates, and delivers powerful workforce intelligence across integrated systems. Additionally, it manages native use cases, such as social distancing and contact tracing.

How to use your Nymi Band™

Connect

Employees authenticate to their Nymi Band as little as once per day through their fingerprint, which takes <1 second.

Use

Authentication activates On-Body Detection and enables the Nymi Band for continuous use by its assigned employee throughout all their integrated applications, and even under clothing.

Disconnect

Employees simply take off their Nymi Band to deactivate and disconnect from their workplace.

Connected use cases in pharmaceutical manufacturing

Nymi arrives with several use cases out-of-the-box with the possibility of building more to custom-solve future challenges.

Identity & Access Management (IAM)

PingIdentity®

Organizations who are using the Ping Identity ecosystem, including PingZero and Ping Intelligent Identity™ platform, can leverage the wearable power of the Nymi Band through our technology partnership.

HID

We are enabled with HID Seos through an applet that can be loaded onto the Nymi Band's secure element. The HID Seos applet opens the door to integration with HID's large portfolio of access products, including contactless physical access control.

Evidian

Evidian Authentication Manager facilitates access to many applications, including legacy apps that

lack modern authentication methods. Additionally, Evidian is used to provide e-signature capabilities for increasing digital security and efficiency in manufacturing environments.

A business already has legacy systems in place to distribute a digital identity to their employees at the time of onboarding. The Nymi Band allows employees to use their digital identity across disparate applications, systems, and networks that were never designed to communicate with one another.

Employees can use their Nymi Band to access things, like terminals, email, applications, doors, elevators, and more.

Access can also be custom set by user role to ensure least privileged access to sensitive information and spaces.

Digital Signatures

Digital signatures applied with the Nymi Band are a passwordless and contactless tap. They improve operational efficiency, data integrity, and most importantly, user satisfaction amongst operators who are responsible for up to hundreds of signoffs per shift.

The innovative combination of biometrics, cryptography, and secure NFC/secure BLE allows organizations to reap the security and data integrity benefits of biometrics without the traditional tradeoffs to privacy and user experience.

We support direct integrations with popular MES solutions, including Werum PAS-X, Siemens, POMSnet, and more.

Health and Safety

Social distancing – The smart distancing function delivers a discrete alert to the wrist when two or more Nymi Bands enter close proximity. This encourages healthy space between colleagues and protects user privacy by utilizing presence instead of exact GPS tracking. Organizations can turn this feature on/off as part of their business continuity plan.

Contact tracing – The Nymi Connected Worker Platform provides a log of contact events that allows administrators to act quickly and confidently if an outbreak occurs.

Trusted by Global Industry Leaders

Global adoption of Nymi is proof of the value our solution delivers. We are currently deployed in 9 of the top 10 global pharmaceutical companies spanning 16 countries (including the European Union, the United States, Canada, Japan, China, and Singapore). Since being battle tested in the highly regulated pharmaceutical sector, Nymi has expanded confidently into other critical infrastructure sectors, such as healthcare, manufacturing, and financial services.

NOVARTIS   BAYER   AstraZeneca

BIONTECH

About Nymi

Nymi has created an enterprise service that connects people to their entire workplace through one platform and wearable.

Connecting workers-as-a-Service is the safe, secure, and simple way for organizations to unlock agility, security, and scalability for the digital future.

Our diverse customer base represents some of the world's largest innovative companies and we continue to expand into critical infrastructure sectors.

Let's Connect
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nymi™

Connected in Confidence™