

Wearable Connected Worker Platform for the Future-Ready Enterprise



“Digital transformation will be roadblocked until we rethink the way people converge with technology.”

– Chris Sullivan, CEO, Nymi

KEY BENEFITS

Security and convenience

Simultaneously achieve stronger security and a frictionless user experience

Immediate ROI plus long-term value

Enjoy immediate value through unified security in a Zero Trust framework, health and safety applications, employee productivity gains, operational efficiency, increased data integrity, and salvaged technical debt, as well as a strategic long-term foundation for digital transformation.

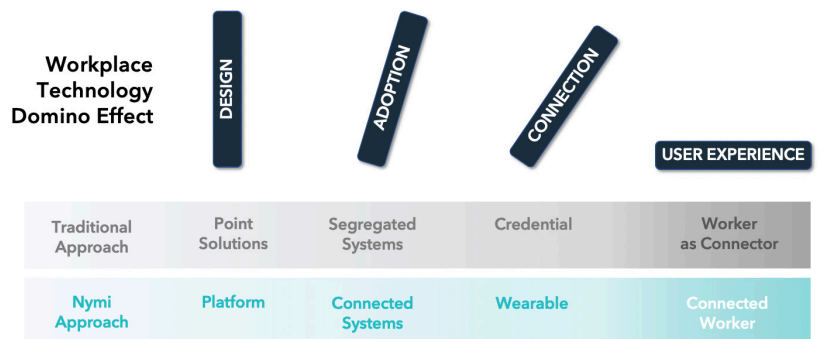
Exponential multiplier power

Link applications together in different ways to create a powerful multiplier effect (e.g., physical access and self-attestation).

Challenge: The Connectivity Threat is Becoming Urgent

Every day, we are developing more and more sophisticated technology, but still connect to these systems in antiquated ways that have proven issues around security, privacy, compliance, productivity, and user experience. It is essential that all these issues be addressed to ensure a safe future where technology is made to work for us. But doing so will require a new human-centric approach that enables safe, secure, and simple connections to the workplace.

Nymi has responded to this challenge by creating a world where people and technology can finally converge in a frictionless and secure manner through the Nymi Connected Worker Platform (CWP) – a wrist-worn platform that seamlessly integrates employees with their physical and digital networks through a workplace wearable.



The Root of the Connectivity Problem

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



Technical approaches, like trust relationships in Active Directory (AD) and Single Sign-On (SSO), have emerged to smooth over the fragmented user experience, but undermine security by opening the door to internal and external threats. For this reason, many organizations have also remained reluctant to connect certain components of their tech stacks with each other in order to reduce their risk profile. Essentially, the problem lies in the current model for connectivity, which positions strong security and user experience at opposite ends of the same axis.

Everyone who uses technology is forced to accept a position on either side of this tug of war; we are at a standstill, and organizations must figure out how to move forward to be competitive in an increasingly digital future.

We Can Solve the Problem With a New Approach: The Connected Worker

Overcoming the connectivity conundrum requires us to overthrow the accepted model, which means we must rethink how people and technology converge. If the responsibility for ensuring safe, secure, and simple connection to the workplace is shifted onto a wearable platform, then employees no longer have to assume the burden of being connectors – they can simply be connected.

A unified platform acts as a single point that connects workers to all their workplace systems at once, allowing them to experience a seamless and fully integrated work day. If the solution prioritizes security, privacy, and human factors as equally balanced requirements, it will pave the way for a positive worker experience, operational efficiency, and overall business success.

Designed with these elements in mind, a connected worker platform creates a path for organizations to unlock the power of a digitally connected workforce. (If these elements aren't part of the platform, the solution will be no better than currently used zero-sum solutions.)

The Nymi Connected Worker Platform

The Nymi Connected Worker Platform (CWP) connects workers through the combination of a workplace wearable and back-end services.

Workplace Wearable

The Nymi Band™ blends biometrics, cryptography, and presence-aware capabilities to empower workers to move seamlessly through their workday.

Employees simply wear their Nymi Band, authenticate as little as once per shift, and unlock a handsfree, passwordless, and private link to their entire workplace.

Connected Worker-as-a-Service

In conjunction with the Nymi Band itself, Nymi manages the security and privacy architecture for health and safety applications, messaging, and more in its back-end services.

How Employees Use the Nymi CWP

Connect

Employees authenticate to their Nymi Band as little as once per day through their fingerprint and an ECG check, which takes 10 seconds or less.

Use

Authentication activates On-Body Detection, which enables the Nymi Band for continuous connection and use by its assigned user. Employees are seamlessly integrated with their workplace and move through their day empowered by the security and privacy layer of the Nymi CWP throughout all its applications.

Disconnect

Employees simply remove their Nymi Band to disconnect from the workplace.



Out-of-the-Box Use Cases

The following are just some of the use cases that come out-of-the-box and deliver immediate ROI.

HEALTH & SAFETY

Social distancing - The Nymi Band can sense the proximity of other Nymi Bands. Healthy space between colleagues is encouraged by smart social distancing alerts that are sent to a user's wrist through a vibration along with a display reminder to "Keep Distance."

Contact tracing - The Nymi Band also provides a log of close proximity contact events that allow administrators to act quickly and confidently if a situation requires contact tracing (e.g., a positive COVID case).

Most importantly, an organization can turn these applications on or off as needed, but the capabilities always remain a part of the Nymi CWP.

GxP-VALIDATED ENVIRONMENTS

MES signing with the Nymi Band increases operational efficiency and user satisfaction with a passwordless and touchless gesture. It also strengthens data integrity by ensuring that all digital signatures are applied by the right person at the right time.

IDENTITY & ACCESS MANAGEMENT

The Nymi Band manages employee access to electronic systems (terminals, email, applications, and more), as well as physical entry points (like doors, elevators, and parking garages).

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

FRICTIONLESS CONNECTION

Frictionless connection throughout a fully connected workplace includes applications like secure printing and vending payment.

Secure printing boosts security and manages costs by allowing authorized users to release prints from centralized office resources.

Payment functionality extends touchless interactions and convenience to non-work areas of a facility, like a cafeteria.

Trusted by Global Industry Leaders



Global adoption of the Nymi CWP is proof of the value it delivers. It is 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 financial services and healthcare.

More About Nymi

Nymi is a Toronto-based tech company that exists to create a world where people and technology converge in a manner that is safe, secure, and simple. We enable businesses to achieve true digital transformation by empowering the workforce with a wearable platform that allows them to connect confidently in an increasingly digital world.

Learn more at nymi.com or contact us at info@nymi.com

