



Manufacturing

Last updated: March 2023

How a manufacturer of electronic products solved its security challenges and optimized user experience:

An industrial technology and electronic products factory in Canada chose IDmelon when the company was looking for an authentication solution that would be easily and automatically deployed without requiring any changes to their existing infrastructure. Employees now simply tap their existing ID badges on one of the readers mounted in various workstations. The new solution quickly authenticates the employees with only a single tap of the same badges they use on a regular basis on a workday and enables the ID admins to have complete control over the employees' access to the system. The solution has sped up the login process, greatly enhanced the security, and significantly cut costs.

The challenge

The factory's workforce was utilizing shared computers that required mobile employees to log in from multiple locations. The factory workers would be prone to accidents if the analyst team chose a distracting way of authentication, such as smartphone-based methods. And if the team chose hardware dedicated keys, the factory would get stuck in an endless loop of recurring costs of replacing lost or damaged keys, which would cost 20% of total keys per year on average.

The solution

With IDmelon, the factory could leverage their existing employee badges, which were used for physical access control, as a FIDO security key for logical access. Employees now use their badges to access their workstations and applications conveniently and securely. Access management is made possible for IT admins, and they simply create security policies that meet the factory's needs.

The result

The successful adoption of IDmelon Passwordless Orchestration Platform (IPOP) resulted in a major improvement in their cybersecurity posture and a much-enhanced user experience for their employees. With the ability to log into shared computers with just a simple tap of their existing ID badges, the factory's employees can now enjoy a passwordless login process while the factory benefits from increased security and reduced costs. The IDmelon solution exceeded the factory's expectations and proved to be a cost-effective, easy-to-deploy, and efficient solution to their authentication need.

Phishing-resistant

Passwordless Authentication.

Superior security for workforce authentication with existing devices as FIDO security keys.



IDmelon Passwordless Orchestration Platform

Email

sales@idmelon.com

Website

www.idmelon.com