



One Badge, One Tap, Every Login: How FTI Flow Manufacturing Used IDmelon to Unlock PCs and Applications Alike

THE CHALLENGE

For more than 50 years, FTI Flow Manufacturing has built precision flow metering solutions for demanding industries like aerospace, oil and gas, and even NASA. But on their own factory floor, they had a problem that many industrial firms face. Their employees needed to log into their Windows PCs every day, and then log again into various business applications to do their jobs. That meant multiple usernames, multiple passwords, and a lot of wasted time.

There was another complication. Workers wore gloves, so fingerprint authentication wasn't an option. Mobile devices weren't practical in the production area. And asking employees to manage hardware security keys or remember complex passwords only created more friction and more calls to the IT help desk.

What FTI really wanted was a single, simple way for frontline workers to authenticate once and get access to everything they needed, without changing the habits or tools they already used. Every minute spent typing credentials was a minute not spent on precision manufacturing. The IT team knew there had to be a better way, but most solutions on the market either required new hardware, complicated setup, or didn't work well in a shared workstation environment.

THE SOLUTION

FTI turned to IDmelon. The solution took the ID badges that employees already carried for facility access and turned them into secure passkeys for both PC login and application access.

A small card reader was attached to each workstation. Now, when a worker approaches a computer, they simply tap their badge and enter a quick PIN. That single tap logs them into Windows. Then, IDmelon's built-in SSO (single sign-on) takes over, automatically signing them into all the business applications they need, whether those are cloud-based tools, internal web apps, or custom software. No extra clicks. No re-entering passwords. Just one tap and they are working.

Behind the scenes, the IT team used IDmelon's admin panel to bulk-register every existing ID badge as a passkey, so the rollout required no action from frontline employees. Workers were simply told to start tapping their badge instead of typing. The deployment was so seamless that many employees didn't even realize a change had been made until they noticed how much faster they were getting to work.

For the IT team, the admin panel also provided real-time logs and the ability to revoke or reassign passkeys instantly, something that would have been a nightmare with traditional passwords or device-bound keys.

THE RESULT

The impact was immediate, but not just in faster PC logins. The real win for FTI was how IDmelon SSO transformed application access. Before, each time employees switched tasks, they faced another login screen. That friction added up.

With IDmelon SSO, that all disappeared. Workers tap their badge once, log into Windows, and then move freely between applications without ever typing another credential. For a factory floor with dozens of workers, that's hundreds of unnecessary logins eliminated every single day.

Security enhancement reduced IT workload. The admin panel gives the IT team a single view of who accesses which application, from which workstation, and at what time. When an employee leaves the company, revoking their badge takes seconds and cuts off access to every application at once. Adoption was invisible to the workforce. No one had to learn a new routine or carry an extra device. They just noticed one day that the login screens stopped appearing. FTI Flow Manufacturing didn't just speed up their factory floor; they eliminated the very idea of application passwords for their frontline workers.



BENEFITS

- **One tap, all access:** A single badge tap to log into Windows and apps.
- **Hundreds of saved logins daily:** By removing unnecessary application logins per worker per shift.
- **Phishing-resistant by design:** Passkeys cannot be stolen or guessed like passwords.
- **Instant onboarding & offboarding:** Credential lifecycle management.
- **No new habits, no new hardware:** Employees keep using their ID badges, and SSO works silently in the background, so the only change workers notice is fewer login screens.