

# Upgrade your readers and credentials with confidence

A smart and cost-effective path to higher security



## Why upgrade now?

- **Eliminate security gaps:** Protect against unauthorized access
- **Reduce long-term costs:** Before emergency replacement when legacy technology becomes so obsolete, you're forced to – often at much higher cost
- **Improve efficiency:** Streamline credential management
- **Future-proof your investment:** Enable mobile access and system integration

## Is your access control system putting you and your employees at risk?

Many organizations still rely on outdated 125 kHz proximity credentials or basic 13.56 MHz cards—technologies that lack

encryption and are vulnerable to cloning. As security threats evolve, so should your access control strategy.

Here's a practical **self-assessment checklist** you can use to determine whether it's time

to upgrade from 125 kHz or standard 13.56 MHz credentials to high-security DESFire EV2 technology.

# Access control upgrade self-assessment checklist

## 1. Security risk and credential vulnerability

- ☐ Are you currently using 125 kHz readers and credentials?
- ☐ Have you ever experienced lost, stolen, or unreturned credentials?
- ☐ Are you concerned about credential cloning or unauthorized duplication?
- ☐ Do your credentials lack encryption or secure authentication?

If you answered "yes" to any of the above, your system may be vulnerable.

## 2. System age and technology limitations

- ☐ Is your access control system more than 8 years old?
- ☐ Are your readers limited to single-technology (prox-only) capability?
- ☐ Do you lack visibility into credential usage or audit trails?
- ☐ Is your system difficult or costly to expand?

Legacy systems often limit both security and scalability.

## 3. Operational efficiency and management

- ☐ Do you frequently reissue credentials due to loss or turnover?
- ☐ Is credential management manual or time-consuming?
- ☐ Do you lack integration with other systems (HR, video, mobile access)?
- ☐ Are you unable to support mobile credentials or multi-application cards?

Modern credentials like DESFire EV2 enable streamlined, flexible operations.

## 4. Compliance and industry requirements

- ☐ Are you required to meet data security or privacy regulations?
- ☐ Do you operate in a high-risk industry (healthcare, education, government, finance)?
- ☐ Are audits or security assessments becoming more frequent or stringent?

Higher security credentials support compliance and risk mitigation.

## 5. Future and growth

- ☐ Are you planning renovations, expansions, or new facilities?
- ☐ Do you want a system that supports future technologies (mobile, biometrics, IoT)?
- ☐ Are you trying to avoid a full system replacement later?

DESFire EV2 supports long-term scalability and innovation.

## 6. Cost vs. Risk evaluation

- ☐ Would a security breach or unauthorized access have serious financial or reputational impact?
- ☐ Are you spending more maintaining outdated hardware than investing in upgrades?
- ☐ Would a phased migration (e.g., dual-technology readers) reduce disruption?

The cost of inaction is often higher than upgrading strategically.

### Results: should you upgrade?

- Mostly "No": Your system may still be adequate. You should still monitor your risks.
- Some "Yes": Consider a phased upgrade with dual-technology readers.
- Mostly "Yes": You are a strong candidate for upgrading to DESFire EV2 for improved security, flexibility, and future readiness.

### Your upgrade path: simple, secure, scalable

Upgrade to **dual-technology readers** that support both legacy credentials and secure smart cards—minimizing disruption while maintaining daily operations. See our Reader-Credential Migration Path for a Smart and cost-effective path higher security.

### Take control of your security today

A modern access control system isn't just an upgrade—it's a safeguard for your people, property, and reputation.

**Contact your security provider or a dormakaba representative today** to schedule a customized assessment and build your migration plan.

**Any questions? We would be happy to advise you.**

Contact us at: 1 888 539 7226