



# The Interoperability Ecosystem



## Unlock Access, Identity & Innovation

The LEAF Community is a **global network** of technology providers, integrators, and enterprises that are solving the lack of interoperability in the access control industry.

A historically siloed supply chain leads to complex integrations, limited customer choices, high maintenance costs, and security gaps.

We transform this landscape by creating universal compatibility across manufacturers – so enterprises can choose the best solutions for their needs without sacrificing integration or future flexibility.



# The Community

## Founding Members



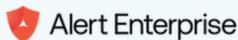
## LEAF Europe Founding Members



## Visionary Community Members



## Innovator Members



All Members



# Interoperability By Design

**Building Entrances**



**Amenities**



**Visitor Management**



**Parking**



**Interior & Exterior Doors**



**Restricted Areas**



## It Starts With the Credential

Your security solutions and future roadmap start with what you put in the palm of your employees hands.

LEAF is a community where credentials and access control devices work together on the same communication standard, **LEAF**, ensuring compatibility and security anywhere in your space.

# Compatible Devices

The LEAF framework enables different technologies, devices, and systems to work together seamlessly with one credential. This ecosystem of compatible solutions drives our mission for true interoperability.



Multi-Tech Readers  
**Hanwha**



LEAF Universal+  
**IDEMIA Public Security**



KMS Wireless Lock  
**PDK**



Core Series  
**Last Lock**



WAVE ID Plus  
**rf IDEAS**



APEX Readers  
**Wavelynx**



TANlock 3  
**TANlock**



Delta® Readers  
**Farpointe**



Multi-Tech Readers  
**ACRE**

All Compatible Devices



# One Universal Credential

## Confidently Upgrade Physical Only Deployments



**LEAF Universal** is the industry standard for a physical access credential that provides universal compatibility across all LEAF-certified devices. Built on MIFARE DESFire EV3 technology with digital manifest integration for instant provisioning and guaranteed unique identification for enterprise access control systems.

### Universal Interoperability

Works with any LEAF-certified device without configuration.

### Streamline Enrollment

QR code integration eliminates manual provisioning and CSN dependencies.

### Guaranteed Unique, No Duplicates

No building codes. No department IDs. Every credential carries unique identification.

### Ecosystem Foundation

Compatible with multiple hardware systems - elevators, locks, parking garage access, LEAF Universal credentials support long-term infrastructure scalability without the need to re-credential.



# Solve the Enterprise Conundrum

## Seamlessly Bridge Physical & Logical Environments

**LEAF Universal+** combines physical access control with FIDO2 digital authentication in a single credential. This converged solution eliminates password dependencies while providing seamless access to both physical doors and digital applications through industry-standard protocols.



### Converged Authentication

Single credential for both door access and digital login.

### FIDO2 Integration - Contact or Contactless

Scalable base that evolves with infrastructure needs.

### Unified Management

One credential lifecycle eliminates dual provisioning complexity.

### Enhanced ROI

Reduces credential overhead while improving security posture.

### Standards-Based Architecture

Leverages both LEAF and FIDO2 industry standards.

# The Credential That Transforms



**LEAF Verified** is a next-generation physical access control credential built on NXP's MIFARE DUOX technology that delivers enterprise-grade security without operational complexity. Using public key cryptography, LEAF Verified eliminates the burden of managing encryption keys while transforming your access card into a unique experience through integrated NDEF technology.



## BENEFITS



### Secure Foundation

Security built into the wafer ensures authenticity from inception.



### Verified Manufacturing

LEAF Certificate Authority makes every credential unique.

# The LEAF Verified Difference

## Your Current Reality vs. LEAF Verified

Cumbersome Key Management



Zero Key Management

Hours of Badge Enrollment



Minutes of Badge Enrollment

Multiple Single Purpose Cards



One Credential for All Access

Security Through Obscurity



ECC-based authentication with  
EAL 6+ certification



### Instant Enrollment

A credential manifest takes badge enrollment from 12 minutes to under 1 minute.



### Interoperability by Design

Public Key cryptography enables a single credential across any device - without sharing private keys.



### Beyond Access Control

NDEF technology turns physical credentials into service platforms for self-enrollment and custom applications.

# Effortless Credential Management

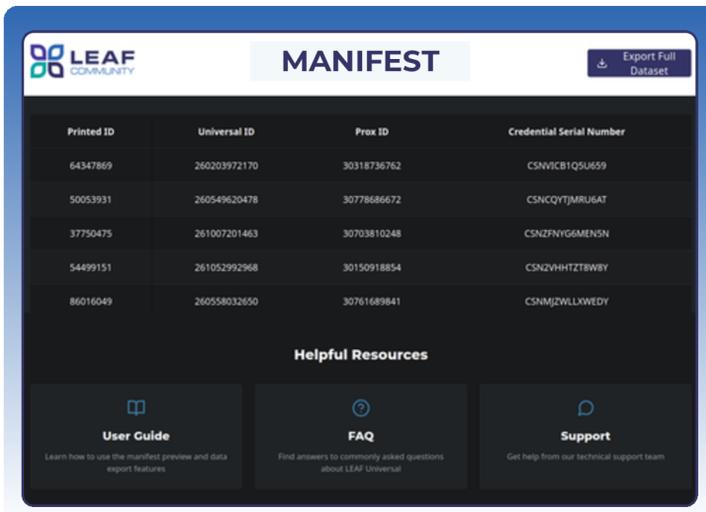
## LEAF Universal Manifest

The Digital Manifest reimagines credential management by making the process faster, easier, and hassle-free. Here's how:

**Instant Enrollment:** Each credential pack includes a QR code, linking directly to the Manifest for quick enrollment.

**No Manual Data Entry:** Eliminate the need for manual input, accelerating deployment.

**Enhanced Security:** Every badge has a unique ID for guaranteed security, just like your passport.



The screenshot displays the LEAF Manifest interface. At the top left is the LEAF COMMUNITY logo. The main title is 'MANIFEST'. On the top right, there is a button labeled 'Export Full Dataset'. Below the header is a table with four columns: Printed ID, Universal ID, Prox ID, and Credential Serial Number. The table contains five rows of data. Below the table is a section titled 'Helpful Resources' with three cards: 'User Guide' (Learn how to use the manifest preview and data export features), 'FAQ' (Find answers to commonly asked questions about LEAF Universal), and 'Support' (Get help from our technical support team).

Printed ID	Universal ID	Prox ID	Credential Serial Number
64347869	260203972170	30318736762	CSNVICB1Q5U659
50053931	260549620478	30778686672	CSNCQYTMJRU6AT
37750475	261007201463	30703810248	CSNZFYIG6MENSX
54499151	261052992968	30150918854	CSNZWHHTZTBWBY
86016049	260558032650	30761689841	CSNMJZWLXWEDY



See the  
Manifest  
in Action

## Why Join?



Be a Thought and  
Industry Leader



Be a Part of Something  
Bigger than Yourself



Enhanced  
Security



Expand Your  
Toolset



Operational  
Efficiency



Increased  
ROI

## Take Part in the Movement, Become a Community Member



*“Our end users **need the ability to solve problems** and to do that **we need a community** to be able to provide these solutions. So, if you’re considering the LEAF Community... it’s an opportunity to partner with lots of different folks that believe the same thing, and we’d welcome you.”*

Josh Cummings | Paladin Technologies  
EVP, Technology | CISSP, PSP, SICC

“Through **one integration, one partnership**, with LEAF, we get to enjoy **all of the downstream support** that the **entire LEAF ecosystem** offers us.”

Matt Bennett | Alert Enterprise  
VP of Mobile Access & Strategic Partnerships

[LEAF-Community.com](https://LEAF-Community.com)

# Learn More & Join the LEAF Community



**LEAF-Community.com**  
Contact@LEAF-Community.com

LEAF icons and logos are trademarks of Wavelynx Technologies, LLC.  
All other trademarks are the property of their respective owners.