OnGuard®
FICAM
Advanced access control software designed
to meet the latest government compliance
requirements.
About HSPD-12 and FIPS 201


HSPD-12 requires the use of a common identification credential for both logical and physical access to federally controlled facilities and information systems. The Department of Commerce and NIST were tasked with producing a standard for secure and reliable forms of identification. In response, NIST published Federal Information Processing Standard Publication 201 (FIPS 201), Personal Identity Verification (PIV) of Federal Employees and Contractors, issued on February 25, 2005, and a number of special publications that provide more details on the implementation of the standard.

Both Federal agencies and enterprises have implemented FIPS 201-compliant ID programs and have issued PIV cards. The FIPS 201 PIV card is a smart card with both contact and contactless interfaces that is now being issued for all Federal employees and contractors.

Through OnGuard®, Lenel continues its ongoing commitment to finding new and better ways to facilitate data optimization and enhance security and business operations. Incorporating responsive technology, the OnGuard system delivers an array of functionality, while also accommodating future enhancements.
A total solution for the Federal Government

Lenel is a leading provider of advanced software and integrated systems for the United States Federal government. Headquartered in the United States, Lenel utilizes the latest software industry practices and standards in the development of its products. With a commitment to innovation, Lenel continues to develop solutions that bring together leading-edge technology and the flexibility of open systems architecture to the security management industry.

Lenel OnGuard®

Lenel OnGuard’s open and integrated platform is constantly evolving to meet the changing mandates and guidelines defined by the National Institute of Standards and Technology (NIST) and the Office of Management and Budget (OMB).

OnGuard solution components

The OnGuard FICAM security management solution includes:

• Lenel OnGuard software
• Lenel access and door controllers
• HID pivCLASS® software
• HID pivCLASS readers

The onboard authentication process

Architecture options

• Onboard authentication, ideal for new installations
• Add-on authentication module, perfect for retrofits and architectures where onboard authentication is not available
Option 1: Onboard authentication using LNL-4420 controller

APL # 10112

Lenel’s simplest APL-listed solution leverages the HID pivCLASS® solution by embedding the pivCLASS Authentication Module (PAM) technology directly into our intelligent system controller. This is commonly referred to as “PAM in Panel” and is our embedded authentication solution.

With the embedded authentication, we can support a total of eight FICAM readers (two readers onboard the LNL-4420, as well as expanding with LNL-1300e controllers). Also, with OnGuard® software version 7.3, we can support registration of the cardholder directly into OnGuard, without depending on the separate application pivCLASS registration workstation. This presents an extremely streamlined approach for enrollment of FICAM credentials within our software.

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<table>
<thead>
<tr>
<th>Part #</th>
<th>Products</th>
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<tbody>
<tr>
<td><strong>Software</strong></td>
<td></td>
</tr>
<tr>
<td>OnGuard 7.3</td>
<td>OnGuard version 7.3 Software (supports all types ES, ADV, PRO, ENT)</td>
</tr>
<tr>
<td>SWG-1550</td>
<td>FIPS 201 Credential Management Integration License</td>
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<tr>
<td>PVC-API-RTL</td>
<td>pivCLASS Enrollment SDK in OnGuard</td>
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<tr>
<td>PVC-CM</td>
<td>pivCLASS Certificate Manager</td>
</tr>
<tr>
<td>PVC-FXRD</td>
<td>pivCLASS Reader Services</td>
</tr>
<tr>
<td>R31210349-1</td>
<td>HID Omnikey® 3121 Enrollment Reader</td>
</tr>
<tr>
<td>SMA-MSO1300-V2</td>
<td>Morpho Finger Print Reader for Enrollment</td>
</tr>
<tr>
<td>SWG-1140</td>
<td>OnGuard DataConduIT</td>
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<tr>
<td><strong>Hardware</strong></td>
<td></td>
</tr>
<tr>
<td>LNL-4420</td>
<td>Intelligent Dual Reader Controller- Supports two FICAM Authenticated onboard Readers, plus six additional LNL-1300e's</td>
</tr>
<tr>
<td>LNL-1300e</td>
<td>IP-Based Single Door Interface - support one FICAM Authenticated reader.</td>
</tr>
<tr>
<td>SWG-AUTH-002</td>
<td>Lenel –Two (2) reader Embedded Authentication License</td>
</tr>
<tr>
<td>EA-LICENSE2</td>
<td>HID -Two (2) reader Embedded Authentication Licenses</td>
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**Readers**

- Supports HID pivCLASS half-duplex OSDP™ readers
Option 2: Authentication using HID PAM and any Lenel controller

APL # 10027

Lenel’s initial entry to the GSA FICAM approved products list utilizes OnGuard® version 7.3 with the HID pivCLASS® validation solution for enrollment, managed certificates and validated credentials at the door. This relies on use of the pivCLASS Access Manager (PAM) to perform the reader PKI validation.

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<td>PVCP-DIS-1400*</td>
<td>pivCLASS Validation Workstation</td>
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<td>PIVAPI-RTL*</td>
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<td>Hardware</td>
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<td>LNL-3300</td>
<td>Intelligent System Controller</td>
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<td>LNL-2220</td>
<td>Intelligent Dual Reader</td>
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<td>LNL-2210</td>
<td>Intelligent Single Door Controller</td>
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<td>LNL-1320</td>
<td>Dual Reader Interface Module</td>
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<td>LNL-1300</td>
<td>Single Reader Interface Module</td>
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<tr>
<td>PAM</td>
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<tr>
<td>91000ABNNNN</td>
<td>pivCLASS Authentication Module (PAM)</td>
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<td>*either enrollment software can be used</td>
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</table>

Readers

- Supports HID pivCLASS full-duplex OSDP readers
Always working to meet your needs.

No matter if you have an existing Lenel OnGuard® solution, or are using our system for the first time, Lenel has a FICAM solution that will fit your requirements. Our Federal Government Solutions team is here to assist you with any design support you may need. And, our industry-leading US-based company meets and exceeds Government regulations for HSPD-12, FIPS 201, ICD705, UL1076, and FIPS 140-2.

Lenel is a global leader in advanced security systems and services, developing innovative solutions to protect buildings, people and assets. Incorporating open architecture and third-party interfacing, Lenel’s enterprise software manages multiple best-in-class systems to provide a single, seamless security solution for customers worldwide. Lenel is a part of UTC Climate, Controls & Security, a unit of United Technologies Corporation – a leading provider to the aerospace and building systems industries worldwide.

For more information, please contact government@lenel.com