

HID® Commander™

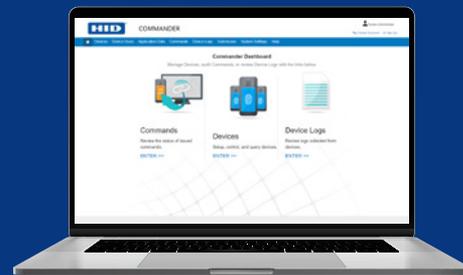
Multipurpose Rapid ID Software That Manages Electronic Fingerprint Transmission (EFT) Records and Mobile Devices

HID Commander is a multipurpose software that manages biometrically connected mobile devices used for mobile identification, as well as manages Electronic Fingerprint Transmission (EFT) records sent to local, state and federal agencies. In conjunction with the HID ArcID™ Mobile application that runs on mobile devices, HID Commander provides customers with a complete solution for deploying and managing remote identification of subjects in the field.

HID Commander allows law enforcement officers to securely submit fingerprint and optional biometric data for cross-check against state and federal criminal databases and receive results within just minutes. The software includes HID ArcID Store and Forward to manage record submissions centrally. HID Commander supports devices running iOS and Android and provides secure communication to the mobile devices as well as configuration updates. The software also collects activity logs from the HID ArcID Mobile application and stores them on the HID Commander server, adding an important audit and security layer to device management.

KEY FEATURES:

- **Centrally manages a fleet of mobile devices:** HID Commander gives law enforcement agencies the ability to manage their mobile devices as part of a mobile biometric identity solution, such as Rapid ID. It also enables remote wipe of mobile devices and enforces application security policies.
- **Easy to use with configurable workflows:** HID Commander is designed to help streamline routine business processes for optimal efficiency.
- **Supports multiple submissions from a mobile device:** HID Commander comes with HID ArcID Store and Forward, offering law enforcement the ability to route biometric record submissions and receive responses to/from multiple state, local and federal agencies.
- **Stay up to date:** HID Commander keeps your mobile devices current with the ability to deliver application, configuration and OS updates to your devices, ensuring that you meet all compliance requirements.
- **Enhanced security:** All transactions are conducted within a secure environment that meets FBI CJIS security policies.



KEY ADVANTAGES:

- **Device and data management:** As HID Commander is specifically built as a Rapid ID solution, the Store-and-Forward functionality is already built in. This makes it different from any general device management software.
- **All-in-one solution provider:** Instead of buying biometric devices and a mobile device management (MDM) solution from different vendors, HID Global provides the complete Rapid ID solution, with HID Commander to manage mobile devices and EFTs.
- **Monitor Rapid ID activities:** With HID Commander, law enforcement agencies can manage multiple users, devices and a complete record of transaction history by retrieving the logs in order to get full visibility of activities.
- **Centralized storage and management of records:** With HID Commander, all submissions and responses are stored centrally, easing the administration of record management and providing administrators the ability to review past submissions from any device.

SYSTEM FEATURES

- Secure end-to-end encrypted communication between server and mobile devices
- Automated retry of tasks that have not completed execution
- Store-and-Forward functionality for submitting Electronic Fingerprint Transmissions (EFTs) to state, local and federal law enforcement agencies

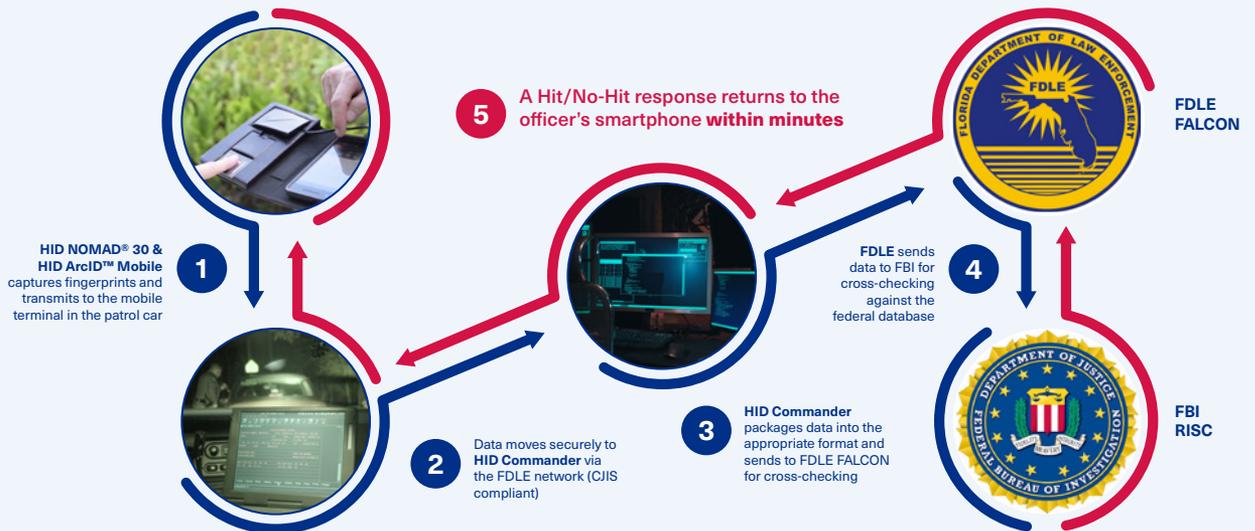
MANAGEMENT FEATURES

- Easy self-activation for mobile operators
- User-based and role-based management (built-in or Active Directory integration options)
- Scheduling of recurring tasks
- Collection of daily logs
- Disabling of lost or stolen devices remotely
- GPS location tracking
- CJIS password policy management for the ArcID Mobile application
- Mobile device setup for application and configuration

DELIVERY METHOD

- The software is licensed and sold as a perpetual license with annual maintenance
- HID Commander is designed to be used with the HID ArcID Mobile biometric application and the HID NOMAD™ 30 Pocket Reader for Rapid ID. It is not sold as a stand-alone product.
- HID Commander comes with HID ArcID Store and Forward as part of the Rapid ID solution

Example of HID Commander Working in Florida Department of Law Enforcement (FDLE) Rapid ID Workflow.



| APPLICATION SERVER HARDWARE REQUIREMENTS | |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | 5th generation Intel processor (64-bit) ex. Intel® Xeon® CPU E5-2609 0 @ 2.40 GHz, 8 cores (2 processors) |
| Number of Processors | 2 processors (minimum 4 Cores each) |
| Memory | 16 GB RAM or Higher |
| Available Disk Space | 160 GB or Higher |
| APPLICATION SERVER SOFTWARE REQUIREMENTS | |
| Operating Systems | Windows Server 2016 Windows Server 2019 |
| Java | OpenJDK v17.0.2 |
| DATABASE SERVER HARDWARE REQUIREMENTS | |
| Processor | 5th generation Intel processor (64-bit) ex. Intel® Xeon® CPU E5-2609 0 @ 2.40 GHz, 8 cores (2 processors) |
| Number of Processors | 2 processors (minimum 4 Cores each) |
| Memory | 16 GB RAM or Higher |
| Available Disk Space | 160 GB or Higher |
| DATABASE SERVER SOFTWARE REQUIREMENTS | |
| Microsoft SQL Server | Microsoft SQL Server 2016 and 2019 (Standard or Enterprise) |
| Limitations | When using Microsoft SQL Server, the security must be installed with either a SQL authentication or mixed mode configuration |
| Recommendations | <ul style="list-style-type: none"> • Dedicated SQL Server Instance • Windows Authentication if SQL Server is on the same hardware as the Application software or if they share the same domain • SQL Authentication with username and password, this is required if the SQL instance is remote from the Application server or not in the same domain. • Installer must have SQL Administrative privileges (temporarily) to successfully complete the installation process |
| SUPPORTED BROWSERS | |
| Google Chrome | Version 20 or higher |
| Specifications | <ul style="list-style-type: none"> • HID Commander Server must be a trusted site for the local domain or Internet policy • Cookies are enabled for proper usage |
| CUSTOMER IT PRE-INSTALLATION ACTIVITIES | |
| Before installing HID Commander, the following requirements must be evaluated to support the solution. | |
| Hardware & Software | <ul style="list-style-type: none"> • Provide a dedicated or virtual server for the HID Commander application • Install the Microsoft Operating System with the appropriate features Install the Microsoft .NET Framework • Install the Microsoft SQL Server or verify connectivity to an existing SQL Server |
| Connectivity & Security | <ul style="list-style-type: none"> • Ensure adequate network and firewall configurations are established • Ensure proper rights are granted to the installer for both application and database • Establish and deploy appropriate rights for browsers used by workstations |

REQUIRED PORTS

| Port Number | Port Usage | Open in Firewall |
|-------------|----------------------------------------------------------------------------------------|------------------|
| 443 | HID Commander Web Site | Yes |
| 9630 | EFT submission and response; Store and Forward service configuration (forward servers) | Yes |
| 1883 | HID Commander Link Messaging to Android devices | Yes |



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