



Omni Jail Management System

REAL WORLD EXPERIENCE

“We wanted a jail management system that combined our need for **fast and accurate identification** of inmates and control over our workflows. After evaluating existing systems, we picked the Omni JMS because of its **advanced iris technology, customizable workflows** and wide range of modules that address our requirements.

Thanks to L-1, a jail management system that truly accommodates **real world corrections workflow** is now available. Before Omni JMS, correctional staff had to work around jail management software. Now, we have a system that is **versatile, intuitive, and customizable** to meet the demanding and dynamic correctional work environment.

As a result, our line and support **staffs are more efficient and productive.** The proper management of inmates and jail operations requires the **proper management of costs, staffing and risk**, and we are doing just that with the Omni JMS.”

Captain Sean Fawell
Contra Costa
Sheriff's Office
Martinez, CA

An Innovative Solution for Today's Jails and Correctional Facilities

The Omni Jail Management System (JMS) is for sheriffs and wardens who demand more from their jail management solutions. It is an innovative solution that combines cutting edge biometrics technology with a customizable workflow process architecture.

The Omni JMS breaks the old JMS paradigm of rigid mainframe-based systems that are difficult and costly to maintain by giving users more accurate identification plus unprecedented flexibility and control through its unique design. With the Omni JMS, administrators can now manage every critical step in the incarceration process efficiently.

CUSTOMIZABLE WORKFLOWS FOR TIME AND COST SAVINGS

The Omni JMS allows administrators to customize their system around their desired workflow and not the other way around. Users have total control over their workflow processes and procedures due to a ground-breaking web services architecture designed on a .Net environment and a SQL database. Routing data communication to various systems, including to and from third-parties, becomes easy and inexpensive. No more waiting for vendor-made changes that are often costly and time-consuming.

MORE ACCURATE ID FOR INCREASED SAFETY

The Omni JMS is the first and only jail management system available today that incorporates iris technology based on the industry standard Daugman algorithms for fast and accurate identification. No more error-prone identification system such as identification by name, designated number, wristband or photo. With faster and more accurate identification of inmates comes increased safety for officers, staff, other inmates and the public.

COMPREHENSIVE MODULES FOR EXCEPTIONAL FLEXIBILITY

The Omni JMS offers comprehensive a la carte modules to address every aspect of inmate or detainee processing from subject identification, intake, custody and eventually release. Customers can pick-and-choose which modules they require to address their unique challenges for greater flexibility.

SIMPLE INTERFACES FOR EASE OF USE

Direct input from users regarding the management of data across the various inmate processing functions makes the Omni JMS easy to use. It has an intuitive, simple and consistent interface that does not require extended, hands-on training sessions. Once installed, users can process inmates quickly and easily.

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Omni JMS Workflows and Modules

Comprehensive Workflows and Modules for Inmate Processing

Different jail facilities have different workflow processes and procedures. Omni JMS addresses these different requirements with workflows and modules that address every aspect of inmate processing from Subject Identification to Intake, Custody, and eventually, Release.

Subject Identification Workflow

Performs fast and accurate iris biometric matches with live scan AFIS search results for identifying inmates quickly and accurately.

Subject Identification Modules

- Biographic Search
- Biometric/Iris Identification
- AFIS/Live Scan
- Identity Management

Intake Workflow

Facilitates the intake process for faster turnover of inmates giving officers more time to concentrate on actual offender management.

Intake Modules

- Remote Booking
- Pre-Booking
- Medical
- Intake
- Strip Search
- Classification
- Scheduling

Custody Workflow

Aids in managing the inmate's activities inside or outside the facility for accurate monitoring of movement and critical procedures.

Custody Modules

- Charges
- Sentence Calculation
- Funds Management
- Incident Management
- Visitation
- Module Activities
- Movement
- Custody Alternative
- Notification

Release Workflow

Ensures completion of critical administrative tasks for the quick and accurate identification of inmates prior to release.

Release Modules

- Administration
- Biometric/Iris Identification
- Release



Omni JMS: The Only Solution Using Iris-Based Recognition for Faster and More Accurate Inmate ID

The Omni JMS is the only solution on the market that incorporates iris-based recognition for faster and more accurate inmate ID.

Widely regarded as the most accurate biometric indicator, iris-based recognition offers a significant advantage for jail management applications because of its stability and resilience to false matching and fraud. The superior accuracy of the Omni JMS made possible through biometric matching enables inmates to be quickly processed and identified at critical junctures in the incarceration process.

Positive identifications based on iris patterns during booking can reduce instances of false identification, armband switching, and duplicate record creation for repeat offenders. Iris verification at release ensures the right person is released every time. With a more accurate solution for identifying inmates also comes increased safety for officers, staff, other inmates, and the public.

Technology Based on Industry-leading Daugman Algorithms

L-1 Identity Solutions uses iris algorithms developed by Dr. John Daugman, the original inventor of the 2Pi algorithm, who today is Chief Scientist for Iris Recognition for L-1.

Our iris algorithms continually demonstrate top-tier performance in government tests. Daugman '08, the most recent algorithm, is capable of performing optimally in any environmental condition providing unparalleled power and flexibility to iris applications such as iris on the move, iris at a distance and iris recognition from mobile devices.

Omni JMS Iris Capture Device for Subject Identification and Release Workflows



The PIER-T™ (Portable Iris Enrollment and Recognition-Tethered) is the standard iris capture and verification device used with the Omni JMS System. The handheld device allows the operator to easily capture a high-quality iris image for both enrollment and identification while tethered to a host PC or laptop. Real-time identification

enables matching of individuals against a database of potentially millions with extremely high accuracy -- within seconds. Compact, rugged and lightweight, the PIER-T couples ease-of-use with high-quality image acquisition every time. The Omni JMS Systems is flexible, supporting additional iris capture devices including the Panasonic BM-ET200.

Why Iris for Jail Management IDs?

- The iris remains stable and unchanged throughout an individual's lifetime except in the event of an injury
- Eyeglasses and contact lenses present no problems to the quality of the iris image
- Iris recognition technology is very resilient to false matching and fraud because an individual's right and left eyes are different
- The false acceptance rate (FAR) for iris recognition systems is 1 in 1.2 million using a single eye and 1 in 1.44 trillion using two eyes
- Search speeds for iris recognition databases can exceed 100,000,000 searches per second making it the fastest of all biometric technologies

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