

# iUID Compliancy with Savi SmartChain® I-GUIDES™

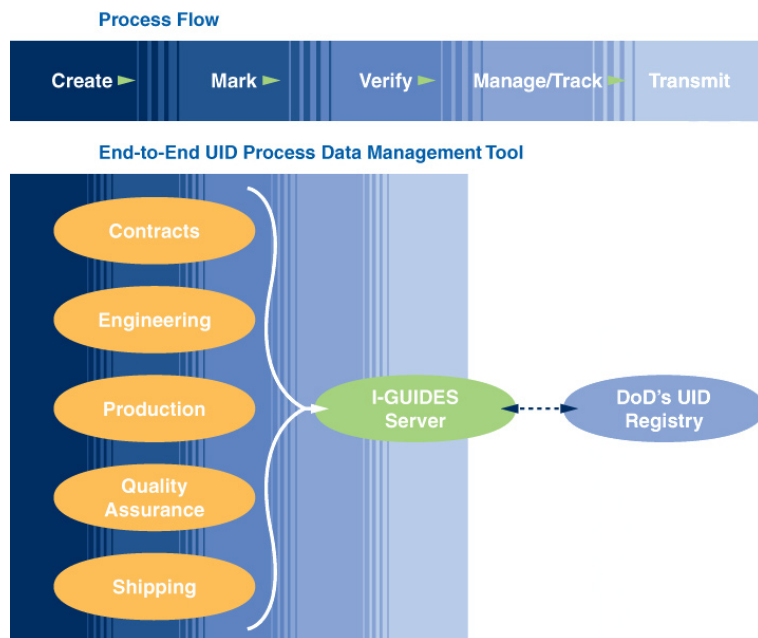
Supporting New Production, Government Furnished Property  
(GFP) and Legacy Inventory



## I-GUIDES™ Compliancy is the Web-based software solution that enables UID compliancy today and positions the user for UID utilization.

In today's business environment, tracking critical assets and providing total asset visibility is vital. Creating, marking, verifying, tracking and transmitting data on these assets is necessary and required by the Department of Defense (DoD). Staying up-to-date on Unique Identification (UID) policy changes is becoming increasingly more difficult. Despite this challenge, you want your customer to have confidence in your data management system and assure them they will receive accurate and timely data. That's where I-GUIDES comes in. I-GUIDES (Integrated Global UID Enterprise Solution) is Lockheed Martin's proven UID application that has been utilized successfully across the Corporation since 2003.

Lockheed Martin divisions have used I-GUIDES to register thousands of UIDs. Whether your Item Unique Identification (IUID) deliverable is to the DoD or a prime contractor, the I-GUIDES Compliancy application takes the worry out of UID compliance. After entering the basic data, I-GUIDES creates a Unique Item Identifier (UII) based on the construct you select. Built-in self-checks ensure the UII is unique to your enterprise and that the required data is included in the correct format. Equally important, I-GUIDES generates an audit trail; tracking who, when and how often a marking activity or transmission takes place, giving management real-time oversight of UID processes and the confidence that they will meet requirements.



I-GUIDES responds to IUID requirements mandated by the DoD including those relating to new procurement, Property In Possession of Contractor (PIPC) and legacy items. The policy requires critical DoD assets to be uniquely marked, and their specified data must be entered into the DoD's IUID registry.

## SOLUTION CAPABILITIES AND BENEFITS

### Compliancy Today

I-GUIDES enables the end-to-end UID process:

- » Create
- » Mark
- » Verify
- » Manage/Track
- » Transmit



### Data Exchange

I-GUIDES supports a full range of data input approaches (manual, semi-automated, automated) utilizing XML, XLS or text. It exchanges data with legacy infrastructure utilizing FTP or SFTP in a user-friendly graphic user interface (GUI).

### UII Creation

I-GUIDES generates the two-dimensional matrix and marking template for the UII from raw data and guarantees accuracy and uniqueness per DoD requirements.

### Hardware-Agnostic

I-GUIDES outputs to Microsoft™ Windows-driven printers and direct part marking devices, as well as selected other marking devices and middleware. This allows users to choose the hardware that best meets their physical marking requirements.

### Customized Labels

I-GUIDES seamlessly utilizes Seagull Scientific's Bartender™ application, which provides best-in-class template design.

### Verification and Validation

I-GUIDES interfaces with the major verification systems providing a seamless connection between systems while maintaining history of verification and validation. This is essential for your quality assurance program.

### Registration

I-GUIDES enables transmission to the IUID registry and/or the user-specified address of third parties.

### Minimize Impact on Resources

I-GUIDES enables the entire process without modification of legacy systems and is usable out of the box, which reduces implementation time and minimizes user expense.

### Rapid Implementation

I-GUIDES is specifically designed to facilitate rapid installation and set-up, thereby minimizing demands on your system administrators. Additionally, control at the user group level facilitates rapid response to program requirements, while the user-friendly interface makes the system easy to learn.

### Compliant

Lockheed Martin not only markets I-GUIDES, but uses it for its own UID needs, providing added assurance that I-GUIDES meets or exceeds current UID requirements. Our fully staffed program

and development team is committed to ensuring that I-GUIDES will remain in sync with evolving DoD requirements.

- **Web-based**

A single server-based application of I-GUIDES can support an entire organization, making it accessible anywhere on the corporate network and easily upgradeable. The system can also be used for remote part marking with its client application.

- **Customizable**

I-GUIDES supports easy customizations with the use of “environments,” allowing any program or business unit within a company to tailor its view of the application, enabling data fields, naming conventions, sorting parameters and page layouts that are meaningful to them.

- **All IUID Types**

Whether it is new procurement, legacy item or PIPC, I-GUIDES supports all DoD constructs, as well as GIAI, GRAI, ESN or VIN. With tools for use in all applications including manufacturing, custodianship or depot maintenance, I-GUIDES has the functionality to meet any requirement.

- **Flexibility**

I-GUIDES offers the ability to create the number of environments you need to organize your UID data around specific primes, programs, projects or whatever user groups make sense for your application. Whether you have two programs or 200, I-GUIDES is designed to meet your needs today and grow effortlessly with your expanding contract requirements.

### PLATFORMED TO OPTIMIZE YOUR INVESTMENT

IUID could be considered just another DoD policy with which contractors have to comply: You mark—you register—you're done! But while today the requirement is to mark, the real value is in the utilization of that mark, both by the Department of Defense and within your organization. In addition to meeting DoD requirements, the UID itself can be used to establish a common relationship across the enterprise, enabling communication with



legacy manufacturing, shipping, financial systems, etc. With the use of Automatic Identification Technology (AIT), this standardization allows for multiple ways to achieve lean success, such as better accounting, improved response time and reduced inventory. The challenge is to translate UID into meaningful data for the multiple legacy platforms in each business without rewriting each system.

### PLATFORMED FOR UTILIZATION

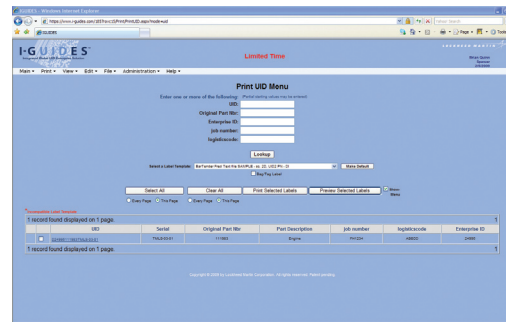
The I-GUIDES patent-pending data management approach enables users to relate the UII to key fields in an organization's legacy systems, thereby avoiding the costs and risks associated with attempting to modify existing systems to keep up with evolving DoD requirements or your commercial business requirements.

### A CHOICE OF IMPLEMENTATION OPTIONS

Recognizing that companies have differing UID marking/data management requirements, I-GUIDES can be purchased on either a license or a subscription basis. It is also available on the General Services Administration (GSA) schedule.

The I-GUIDES Application License has minimal system requirements and utilizes Microsoft SQL or Oracle databases. Businesses anticipating higher UID marking volume, growing

contract requirements, or preferring to control their own information technology (IT) resources may choose to purchase an I-GUIDES license for in-house server installation.



I-GUIDES Subscription Service makes the application available via secure access over the Internet. Businesses with critical implementation requirements, those anticipating relatively low UID marking volume or those who simply prefer to outsource their IT requirements may choose this approach. This service provides the subscriber with the full functionality of I-GUIDES without the day-to-day management needed to host the application in-house. Driven by the I-GUIDES application, tag and label production can be implemented using the subscriber's own in-house marking equipment. If preferred, label production capability can also be purchased separately through an additional I-GUIDES service.

### I-GUIDES Compliance with RFID (Optional Product)

Many contractors are discovering that not only do they have the requirement for unique identification, but they are also being contractually required to ship utilizing passive RFID (Radio Frequency Identification) tags/labels. If you have this requirement, you may want to consider our new application: “I-GUIDES Compliance w/RFID.” This new application has the ability to establish relationships from the UII to the item, case and pallet levels of RFID, as well as generate tags from a number of print devices.

To learn more about unique identification, the DoD UID policy and I-GUIDES, visit us at [www.I-GUIDES.com](http://www.I-GUIDES.com).



#### **About Savi**

Savi provides an integrated suite of complementary Automatic Identification & Data Collection technology products and solutions that drive business value by reducing supply chain assets, inventory and operational costs for commercial enterprises, defense agencies and other government customers. Founded in 1989, Savi is a wholly owned subsidiary of Lockheed Martin [NYSE: LMT], with headquarters in Mountain View, Calif., and offices in London, Melbourne, Singapore, Lexington, Ky., and Washington, D.C. For more information, visit [www.savi.com](http://www.savi.com).

#### **About Lockheed Martin**

Headquartered in Bethesda, Md., Lockheed Martin is a global security company that employs about 146,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The corporation reported 2008 sales of \$42.7 billion. For additional information, visit [www.lockheedmartin.com](http://www.lockheedmartin.com).

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