

**SUMURI** 



# ENDLESS INNOVATIONS

DIGITAL FORENSICS | AI WORKSTATIONS | TRAINING | SERVICES

**SUMURI.COM**



# ABOUT +

# SUMURI

**SUMURI** is an award-winning company headquartered in Delaware, USA, specializing in digital forensics solutions. Founded in 2010 by Steve Whalen, a Certified Forensic Computer Examiner and retired Delaware State Trooper, along with co-founder Ailyn Whalen, **SUMURI** was built to serve the forensic community with practical, investigator-focused tools.

Today, **SUMURI** provides software, hardware, training, and services to law enforcement, government, corporate, and legal organizations worldwide. Our solutions are designed by practitioners who understand real-world investigative workflows and the challenges examiners face every day.

At the core of **SUMURI** are the values of honor, integrity, dedication, and service. These principles guide everything we build—from forensic tools to high-performance workstations—ensuring reliability, accuracy, and long-term value for our customers.

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# RECON

# ITR

# SUMURI

## A complete rebuild for modern Mac forensics

**RECON ITR** v26.0 has been rebuilt from the ground up in native Swift, designed specifically for macOS using Apple frameworks. This is not an update—it is a new application built to acquire and triage modern Mac systems with accuracy and reliability.

**RECON ITR** supports Apple Silicon systems including M1 through M5, as well as the latest MacBook Neo (A18), along with Intel and T2-based Macs. Built to work with macOS—not against it—it preserves critical Apple-native data structures and metadata during acquisition.

### Key Capabilities

- Native macOS architecture using Apple frameworks
- Acquisition and triage of live systems and Target Disk Mode devices
- Support for Apple Silicon, Intel, and T2 Macs
- Integrated search, timeline, and reporting
- Preservation of Apple Extended Metadata
- Flexible imaging options through **RECON ITR** and included **PALADIN PRO**
- Integrated search, timeline, and reporting

### Triage and Analysis

**RECON ITR** includes 101 macOS triage plugins designed to extract and parse key artifacts, along with 456 iOS artifacts via iLEAPP integration. Results are returned as structured, actionable data—not raw files—allowing examiners to quickly identify relevant evidence.

### Reporting

Global Search, Global Timeline, and Global Report enable examiners to locate artifacts, build timelines, and generate clear reports directly on-site.

### Open and Verifiable

All images are created using Apple-native or open formats and can be independently verified using standard tools. No proprietary lock-in. Evidence remains accessible and defensible.

# RECON



## Flexible Imaging Options

**RECON ITR**, together with the included **PALADIN PRO**, provides support for Apple-native and industry-standard imaging formats, including DMG, SparselImage, ASIF, E01/EX01, DD, and logical acquisition formats—giving examiners the flexibility to choose the right approach for each case.

## Flexible Imaging Options

Built natively on macOS, **RECON ITR** correctly captures:

- Apple Extended Attributes
- Spotlight metadata
- Resource forks
- File system structure

## Time Machine Local Snapshots

Access and triage Time Machine local snapshots to analyze point-in-time system states maintained by macOS.

## Volatile Data Collection

Capture system state, running processes, network connections, and other volatile artifacts through structured triage plugins.

## BootCamp and iOS Support

Triage BootCamp partitions and iOS backups alongside macOS data for a more complete investigation.

## Independent Validation

Images can be verified using standard tools on any Mac system, supporting defensible forensic workflows.

## Included: **PALADIN PRO**

Every **RECON ITR** license includes **PALADIN PRO**, a bootable forensic environment for imaging and triage across Windows, Linux, servers, and RAID systems.

## **PALADIN PRO** provides:

- Physical and logical imaging
- Built-in write protection
- BitLocker decryption support
- Network-based imaging (SMB/NFS)
- Integrated open-source forensic tools

This extends **RECON ITR** beyond macOS, allowing examiners to handle multiple platforms using a single solution.

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**SUMURI** is a leading worldwide provider of solutions for digital evidence and computer forensic Training, Hardware, Software, and Services. **SUMURI** is also the developer of the industry standard **PALADIN** Forensic Suite, **RECON ITR**, **RECON LAB**, and **TALINO** Forensic Workstations.

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P.O. Box 121 Magnolia,  
DE 19962, USA



# Modern Forensic Analysis built for macOS

**RECON LAB** is a forensic analysis platform designed to process and examine digital evidence across multiple operating systems using native macOS architecture.

## Three-Stage Analysis Workflow

### 1.) Automated Analysis

Processes artifacts from macOS, Windows, iOS, Android, and cloud sources.

### 2.) Assisted Analysis

Provides tools for examining SQLite databases, plists, registry data, and raw files.

### 3.) Reporting

Generates structured reports using timeline-based and storyboard-style outputs.



Native to macOS



Automated artifact parsing



Timeline analysis



Structured reporting



Multi-platform support

**RECON LAB** is designed to help both new and experienced examiners move from data collection to actionable findings efficiently.

# RECON LAB



## Native macOS Processing

Ensures accurate handling of Apple timestamps, metadata, and file structures.

## Automated Artifact Processing

Parses thousands of artifacts across supported platforms with minimal manual effort.

## Advanced Data Review

Includes viewers for:

- SQLite databases
- Property lists
- Windows Registry
- Raw data

## Timeline and Reporting

Sequential processing enables clear timeline reconstruction and consistent reporting.

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## **PALADIN** Forensic Suite

Bootable forensic environment  
for Imaging and Triage

**PALADIN** is **SUMURI**'s bootable Linux-based forensic platform designed for acquisition and triage across multiple systems.


**PALADIN** PRO is included with every **RECON ITR** license.


**PALADIN** is offered under a donationware model.


Non-profit organizations and individuals may choose their donation amount, while for-profit entities are expected to contribute a minimum of \$25 USD.


**PALADIN** is widely used by forensic practitioners around the world.


### Capabilities

 Imaging and hashing tools

 Logical and physical acquisition

 Built-in write protection

 Image conversion utilities

 Network-based imaging

# PALADIN

VERSION 9



**PALADIN** PRO is included with RECON ITR and extends acquisition capabilities beyond macOS environments.

## Toolset

Includes over 100 pre-configured open-source forensic tools.

## Features

Includes viewers for:

- BitLocker decryption support
- Integrated Autopsy
- Network imaging (SMB/NFS)
- Multi-boot support

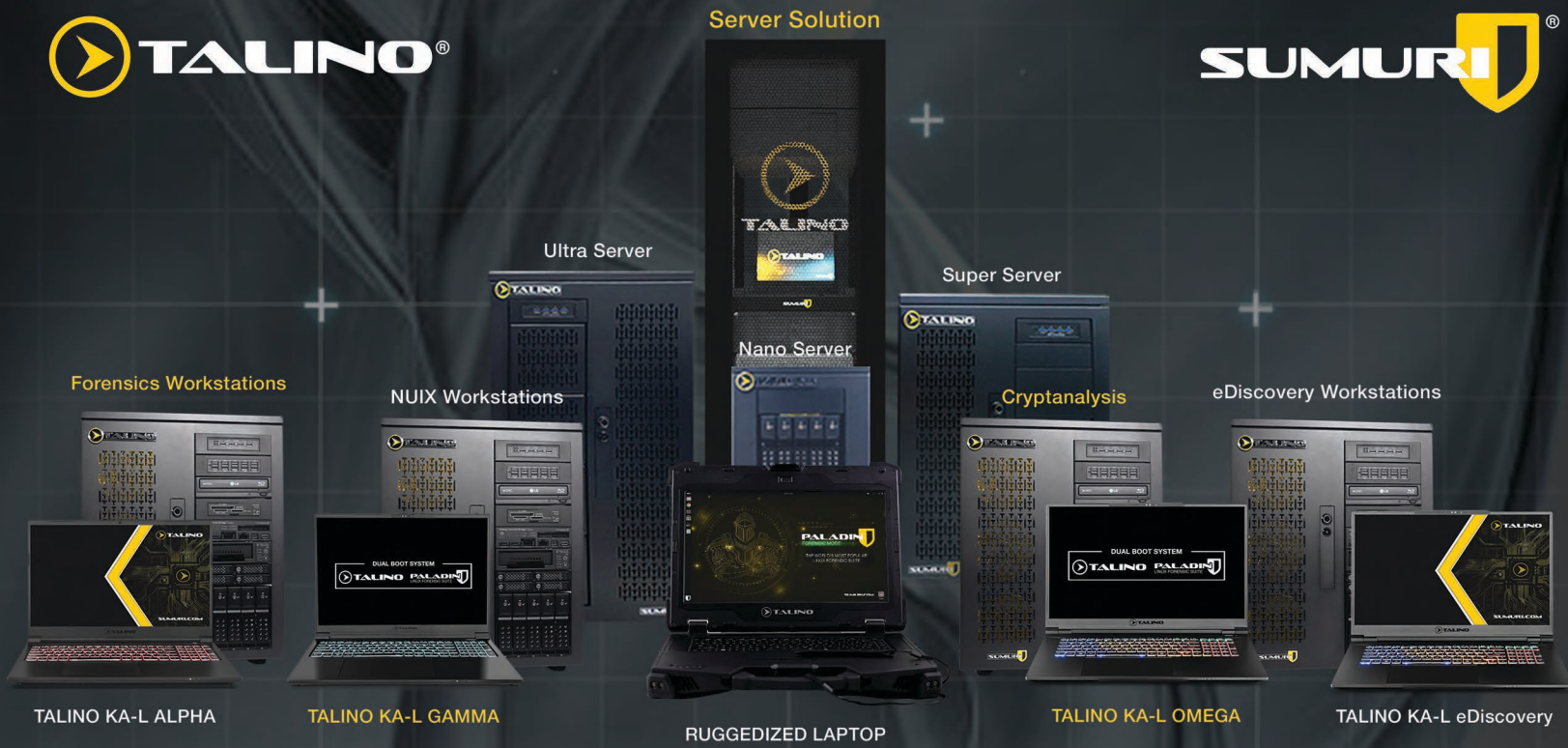
Designed for flexibility, PALADIN enables examiners to work across Windows, Linux, and server environments in a controlled forensic setting.

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# High-performance systems built for demanding

**TALINO** systems are designed and built by forensic practitioners to deliver reliability, performance, and flexibility across a wide range of use cases.

## Design Highlights

-  Full aluminum chassis for heat
-  EMI separation for system stability
-  Modular design with 3D-printable accessories
-  72-hour stress testing and validation



## TALINO LAPTOPS



### PORTABLE WORKSTATIONS

#### **TALINO KA-L ALPHA**

Lightweight system for field triage and small cases

#### **TALINO KA-L GAMMA**

Balanced performance and portability.

#### **TALINO KA-L OMEGA**

High-performance mobile workstation

#### **TALINO KA-L eDISCOVERY & INCIDENT RESPONSE**

Designed for handling complex investigations and large datasets.

#### **RUGGEDIZED LAPTOP**

Built for field environments requiring durability and reliability under demanding conditions.

## TALINO WORKSTATIONS

### CRYPTANALYSIS WORKSTATION

Optimized for password recovery and decryption workloads using CPU and GPU acceleration.

### FORENSIC WORKSTATION

Custom desktop systems designed for acquisition, processing, and analysis.



## TALINO SERVERS

### SERVER SOLUTION

Scalable systems designed for large-scale storage and processing of digital evidence.



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# TALINO AI

PRO | ELITE | ULTRA | MAX



## NO CLOUD. NO LIMITS.

High-performance AI systems built for local processing

**TALINO AI** systems are designed for professionals who require the performance of cloud-based AI while maintaining full control of their data locally.

- 100% Local Processing
- Built for AI, ML, and LLM workflows
- Fully customizable configurations
- Trusted by Government, Military, and Global Enterprises

Build Your **TALINO** Today at **SUMURI.COM**



## Capabilities

- High-performance CPUs and GPUs
- Support for large AI models and training workflows
- Configurable hardware and operating system

## Benefits

- Data remains local and secure
- No cloud dependency
- Faster iteration and processing

## Use Cases

- AI model training
- Data analysis
- Research and development
- Secure environments requiring local processing



# DUAL BOOT SYSTEM

Exclusively at [SUMURI.COM](https://SUMURI.COM)

Available on **TALINO** systems to support both forensic acquisition and traditional workflows.

## ALL-ALUMINUM CHASSIS & FULL CUSTOMIZATION



**Material:**  
3mm rolled aluminum



**Finish:**  
Durable powder coating.



**Design Advantage:**  
Superior heat dissipation, preventing heat reflection inward.



**Performance:**  
Rugged, efficient, and expandable workstation platform.



**Aesthetic:**  
High-performance and visually appealing.



**Chassis Colors**



**Engraving and branding**



**Tailored hardware configurations**



The Certified Forensic Mac Examiner (CFME) is the final step in the **MFSC** training pathway.

After completing **MFSC 101** and **MFSC 201**, students are eligible to pursue the **CFME** Certification at no additional cost.

The certification allows examiners to apply the skills learned during training in realistic investigative scenarios while earning recognition as a Certified Forensic Mac Examiner.



### Best Practices in Macintosh Forensics

MFSC 101 is a **vendor-neutral crash course in MAC Forensics** designed to help investigators quickly become comfortable working with macOS systems. Examiners from any background can apply their existing digital forensic knowledge to the Apple ecosystem.

The course walks students through the full investigative workflow, including:

- Understanding Apple hardware and device seizure
- Imaging modern macOS systems
- Processing and analyzing evidence using built-in and open source tools
- Examining modern macOS artifacts, including recent OS changes and emerging AI-related artifacts

By the end of the course, students have the foundation needed to begin performing Mac forensic examinations with confidence.



### Advanced Practices in Mac Forensics

MFSC 201 takes investigators from **familiarity with macOS** to true proficiency. Students learn how macOS stores evidence and how to investigate systems when traditional forensic tools fall short.

The course focuses on:

- Advanced macOS artifact analysis
- Automation and forensic scripting
- Tool validation and artifact verification
- Developing custom tools and workflows

MFSC 201 is taught from a tool-agnostic perspective, enabling investigators to confidently work with any forensic platform while understanding its limitations.

# BECOME A **CERTIFIED** FORENSIC MAC EXAMINER

VENDOR NEUTRAL - TOOL AGNOSTIC



## COURSE BENEFITS

Versatility and Flexibility  
Enhance Credibility and Trust  
Future-Proofing Skills

**SUMURI** 





**SUMURI** Professional Services is globally recognized as a leader in Macintosh, Windows, and Mobile Forensics. Our Digital Forensics and Incident Response (DFIR) team consists of Certified Computer Forensic Examiners with extensive experience in imaging, analysis, and reporting.

Our DFIR consultants serve not only the United States but also Canada, Asia, Europe, the UK, and the Arabian Peninsula. Additionally, we collaborate with established Professional Services companies to offer an even broader range of client services worldwide. **SUMURI** offers two tiers of

Digital Forensic Services: Express and In-Depth.

- Express Forensics provides a cost-effective solution for situations where a complete, detailed, and potentially costly analysis isn't necessary. It's ideal if you need data that shows device usage, such as messaging, internet activity, account information, or application use. This service can help you determine the relevance of your case or gather the essential information you need to proceed.
- For those requiring a more thorough investigation, In-Depth Digital Forensics offers the highest level of service in the industry. Our certified examiners will meticulously image, process, analyze, and report their findings in a clear and comprehensible format, ensuring you have the most accurate and detailed information to support your case.





## Contact Information



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