SUMURI

ENDLESS INNOVATIONS

HARDWARE | SOFTWARE | TRAINING | SERVICES

SUMURI.COM

SUMURI

ABOUT SUMURI

SUMURI is an award-winning company headquartered in Delaware, USA, with a legacy rooted in digital forensics. Founded in July 2010 by Steve Whalen, a Certified Forensic Computer Examiner and retired State Trooper, along with his wife Ailyn, SUMURI initially focused on serving the forensic community. However, over the years, our solutions have expanded far beyond forensics to support a diverse range of industries.

While we continue to be recognized for our innovative and forward-thinking forensic software and hardware, as well as our expert forensic training and services, our offerings now cater to various sectors, including cybersecurity, legal, government, and private enterprises. Our commitment to delivering excellence and cutting-edge solutions remains unwavering, no matter the industry.

At the heart of SUMURI are our core values: honor, integrity, loyalty, positive attitude, dedication, and, above all, altruism—the desire to help, serve, and care for others before ourselves. These values, combined with our deep expertise, have fueled SUMURI's success and positioned us as trusted leaders in multiple fields. Our team comprises experts who are not only recognized worldwide for their contributions to digital forensics but are also continuously innovating to meet the evolving needs of various industries.

RECON *ITR* IMAGE TRIAGE REPORT

SUMURI

The Leading macOS Imaging, Triaging, and Reporting Solution

RECON *ITR* is a one-of-a-kind solution that acquires and processes Intel and Apple Silicon Macs like no other tool on the market. This marvel of forensic innovation is built from the ground up on macOS using Mac's full power instead of fighting against it.

RECON *ITR* requires no reverse engineering and is not ported from other operating systems, which means more data and more accurate results.

SUMURI has designed RECON *ITR* with the customer in mind, ensuring examiners have the most versatile tool available when changes occur to Apple hardware or Mac operating systems. RECON *ITR* accomplishes this and much more by including unique and revolutionary features while keeping the price significantly lower than competitors.

- Includes Three Imaging Solutions Suited for Any Case (LIVE and Bootable)
- Supports Intel and Apple Silicon
- Only True Triage Solution for Live Running Macs or Macs Connected in Target Disk Mode
- Contains Full Report Capabilities with Sequential Processing of Proper macOS Timestamps
- Correctly Uses Apple Extended Metadata with macOS Native Libraries
- Automatically Collects Volatile Data
- Ability to Automatically Triage Boot Camp and iOS Backups
- Includes PALADIN for Windows and Linux Support
- Native support for Time Machine Local Snapshot

RECON ITR
IMAGE TRIAGE REPORT

THREE IMAGING SOLUTIONS FOR THE PRICE OF ONE

With the advent of new technologies like Apple Silicon that are continuously changing, some situations allow for a bootable solution, some call for targeted acquisition, and some may even require a live acquisition. RECON ITR includes both a Live and Bootable imager to ensure that you are ready for every situation.

Every purchase of RECON ITR includes two state of the art SAMSUNG drives:

- Samsung external SSD with Live and bootable versions RECON ITR for live triage, and reporting, along with both physical and logical imaging options

- SAMSUNG USB with PALADIN PRO for Windows and Linux Support

Support for Intel and Apple Silicon Processors

The Mac environment has undergone another massive shift in processors, moving from the long-used Intel processors to an ARM-based Silicon processor. RECON ITR supports both Intel and Apple Silicon processors to cover almost any situation you may encounter when imaging a Mac!

The Only True macOS Triage Solution

RECON ITR is the only solution to truly have the ability to provide answers in seconds with its revolutionary triaging feature in a single tool at no extra cost. It automatically parses important information from both live systems and through Target Disk Mode within minutes. Other solutions require you to purchase more tools and take longer to get answers.

FULL REPORT CAPABILITIES

To compliment true macOS triage, RECON ITR has built-in reporting features that allow you to produce professional reports in seconds. Build comprehensive reports using the Global Search and Global Timeline to locate and bookmark only the most critical data and quickly present information in an understandable format with Sequential Processing of proper macOS timestamps.

CORRECT USE OF APPLE EXTENDED METADATA

RECON ITR was built from the ground up on macOS to ensure that RECON ITR supports proprietary metadata used in the Mac environment. Being native to macOS helps ensure that our tool can correctly identify and preserve the Apple Extended Metadata that other tools do not properly integrate.

ABILITY TO TRIAGE BOOT CAMP AND IOS BACKUPS

Like RECON LAB, RECON ITR supports more than just Mac data. RECON ITR has robust support for triaging Boot Camp partitions and iOS Backups.

INCLUDES PALADIN FOR WINDOWS AND LINUX SUPPORT

PALADIN PRO, a full forensic lab with over 150 forensic tools, is now included with all new orders of RECON ITR to image Windows, Linux, and all Intel Macs without having to erase and reinstall your software.

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RECON LAB
FORENSIC SUITE

SUMURI

Reputation is everything.
We help you keep it.

RECON LAB is SUMURI's flagship forensic analysis suite designed from the ground up on macOS to utilize Mac's power and give examiners access to an entirely new realm of data. RECON LAB takes traditional computer forensics and revitalizes it to be more in line with 21st century technologies through many unique and revolutionary features using native macOS libraries, sequential processing into both analysis and reporting, fully automated processing of many different operating systems, and much more.

SUMURI designed RECON LAB with every type of examiner in mind. Our three-stage approach to analysis makes sure that brand new examiners and seasoned veterans alike can get accurate results fast. Step One is automated analysis that supports the automated parsing of thousands of artifacts from macOS, Windows, iOS, Android, and Google Takeout. Step Two is semi-automated analysis using our advanced forensic viewers that assist in parsing and examining macOS Property Lists, SQLite Databases, Windows Registry and Raw Data. Step Three includes Sequential Processing and WYSIWYG reporting features through the use of StoryBoard reporting. Hundreds of revolutionary features built into RECON LAB makes manual analysis easier.

- Native to macOS
- Correctly Uses Apple Extended Attributes and Apple Timestamps with macOS Native Libraries
- Automated Analysis of macOS, Windows, iOS, Android, and Google Takeout
- Sequential Processing (Timeline Analysis)
- StoryBoard - First of its Kind WYSIWYG Forensic Reports

WYSIWYG means " what you see is what you get "

RECON LAB
FORENSIC SUITE

NATIVE TO macOS

RECON LAB is developed natively on macOS and utilizes native Mac libraries to offer the most accurate representation of acquired data. These native features allow RECON LAB to display Apple Extended Attribute data with the proper macOS Timestamps missed by other forensic tools. Being designed on macOS allows RECON LAB to include a unique Hybrid Processing Engine, enabling images to be mounted and processed faster than other tools. Combining these attributes and our automated analysis functions creates one of the world's most powerful forensics suite.

CORRECT USE OF APPLE EXTENDED ATTRIBUTES

RECON LAB stands alone to integrate and support Apple Extended Attributes and proper macOS Timestamps fully. This unique and Mac-native form of metadata supports hundreds of extended attributes that can completely change a case's outcome and provide unparalleled information to examiners. Other forensic tools overlook this data, while RECON LAB makes these an essential part of the tool. RECON LAB utilizes Apple Extended Metadata, POSIX, and application-specific timestamps to give examiners as much information as possible.

AUTOMATED ANALYSIS OF macOS, WINDOWS, iOS, ANDROID, AND GOOGLE TAKEOUT

RECON LAB automates the analysis of thousands of supported artifacts, spanning macOS, Windows, iOS, Android, and Google Takeout! Simply by loading a forensic image, folder, or backup and selecting the plugin will pull all associated data and present it in an easy-to-understand format.

SEQUENTIAL PROCESSING (TIMELINE ANALYSIS)

RECON LAB features two unique ways to display information sequentially with Super Timeline and Artifact Timelines. Super Timeline generates global level timelines in a CSV or SQLite database to show all events as they transpired. Meanwhile, the Artifact Timeline visually represents events based on the timestamps collected through automated analysis. Both can provide a way to present the collected data visually to significantly reinforce case opinions.

STORYBOARD

RECON LAB's revolutionary reporting feature, StoryBoard, features many innovations to automate and enhance the reporting process. StoryBoard includes features to add bookmarked files in chronological order and include external files to help make the report more coherent. RECON LAB includes the first of its kind revolutionary WYSIWYG forensic report editor - StoryBoard. With StoryBoard's report editor, examiners can fully customize and tailor their reports to provide the most comprehensive, user-friendly, and coherent reporting experience of any tool on the market.

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PALADIN

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The World's most Popular Linux Forensic Suite

PALADIN, SUMURI's bootable Linux distribution, was created as an opportunity to give back to the forensics community.

Offered as donationware for law enforcement, PALADIN includes over 100 pre-compiled open-source tools and our PALADIN Toolbox. The PALADIN Toolbox features imaging, hashing, image conversion, selective logical imaging, imaging of unallocated space, and automatic write blocking. PALADIN has been court-tested and is used by thousands of forensics examiners around the globe.

- PALADIN Toolbox
- Includes Over 100 Pre-Compiled Open-Source Forensic Tools
- Support for BitLocker Decryption
- Built-in Autopsy
- Imaging Across a Network

PALADIN

FORENSICS SIMPLIFIED

BITLOCKER DECRYPTION

Boot, decrypt, and logically image BitLocker partitions with PALADIN Toolbox. PALADIN has full support for the decryption of partitions encrypted using the home version of Windows BitLocker.

BUILT-IN AUTOPSY

PALADIN includes SleuthKit and the Autopsy's forensic suite in PALADIN LTS, further attributing to PALADIN's nickname of the "Forensic Swiss Army Knife."

IMAGING ACROSS A NETWORK

Run out of destination drives? No problem; PALADIN can image straight to a network storage solution like a server or NAS with ease through PALADIN's Network Share feature! PALADIN utilizes SAMBA (Windows Share) or NFS Share to add network-attached storage as a destination.

A PALADIN FOR EVERYONE

PALADIN comes in several different versions to support a variety of different hardware. PALADIN LTS (Long Term Support) is more robust, including BitLocker decryption, pre-compiled open-source forensic tools,
and Autopsy built-in. PALADIN EDGE features only the PALADIN Toolbox is typically built on newer Ubuntu kernels to support newer hardware. PALADIN EDGE is available in both 64-bit and 32-bit versions.

PALADIN TOOLBOX

Every version of PALADIN features the revolutionary PALADIN Toolbox. The PALADIN Toolbox includes an imager that supports all major imaging formats such as DD, E01, Ex01, DMG, and VHD. Some of the other key features include image converter, triage, selective logical imaging, and imaging to a network share!

OPEN-SOURCE FORENSIC TOOLS

PALADIN LTS features over a hundred pre-compiled open-source forensic tools. These tools range from AFF support, hashing tools, malware analysis, password discovery, and many more.

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TALINO

SUMURI

THE POWER AND VERSATILITY OF TALINO - ACCEPT NO SUBSTITUTES

Here at SUMURI, we take the greatest pride in building the very best workstations available. While TALINO workstations originally gained acclaim in the forensic industry, we have since expanded our reach to cater to a wide range of industries that demand the highest performance and reliability. Whether you're in forensics, engineering, data science, or any field requiring powerful computing solutions, TALINO is designed with you in mind. Using our unique and proprietary chassis, we accomplish three major goals:

1.) Separate the electrically sensitive components from those that produce more Electro Magnetic Interference (EMI).

2.) Since the entire chassis is made of aluminum, we can utilize its entire surface area to help spread and dissipate heat.

3.) Our proprietary chassis grid system allows for the attachment of 3D printed accessories which can be downloaded for free from our website.

All of these features ensure your TALINO runs as smoothly as possible, is extremely versatile, and long-lasting.

We use only the highest quality components that have been tested and vetted here in our lab. Our workstations are designed and optimized for demanding applications across various industries and come with an industry-leading three-year warranty.

Every TALINO workstation and laptop is built based on your unique requirements and to our exacting standards. No competitor offers ANYTHING close!

72h

Every TALINO workstation is burned in for 72 hours using multiple stress testing and benchmarking tools. The goal of our quality assurance team is to try and "break" the workstation before shipping it. From logical stress tests to physically altering the airflow in the TALINO, we do everything in our power to ensure your TALINO leaves the lab only after passing rigorous testing. This is backed by our industry-leading three-year warranty and lifetime access to our support line for every TALINO user. Day or night, we are there when you need us.

FORENSIC LAPTOPS

TALINO KA-L ALPHA
The SUMURI TALINO KA-L Alpha is an ultra-portable forensic workstation specifically engineered to outperform most desktop forensic workstations. This system was introduced to meet the needs of agencies requiring a reliable laptop that excels in processing small cases, working in the field, collecting mobile phone data, and performing a variety of other critical tasks.

TALINO KA-L GAMMA
The SUMURI TALINO KA-L Gamma is a portable forensic workstation designed to deliver the speed and power of a desktop forensic workstation. This system was created for agencies that expect the performance of our renowned TALINO portable forensic workstations and seek a balanced solution between portability and power.

TALINO KA-L OMEGA
The SUMURI TALINO KA-L Omega is the fastest portable forensic workstation, specifically designed to match or exceed the performance of most desktop forensic workstations. This powerhouse might even surpass the capabilities of your current forensic workstation—unless you have a full-sized TALINO desktop forensic workstation.

TALINO KA-L eDISCOVERY
The SUMURI TALINO KA-L eDiscovery & Incident Response laptop is our high-end solution designed for modern forensic examiners. It is specifically tailored for those handling incident response examinations, providing the power and tools needed to tackle today's complex eDiscovery challenges.

RUGGEDIZED LAPTOP
The SUMURI TALINO KA-L eDiscovery & Incident Response laptop is our high-end solution designed for modern forensic examiners. It is specifically tailored for those handling incident response examinations, providing the power and tools needed to tackle today's complex eDiscovery challenges.

TALINO WORKSTATIONS

CRYPTANALYSIS WORKSTATION
The SUMURI TALINO Cryptanalysis Workstation is an incredibly fast and efficient decryption system, offering the power of either Intel or AMD CPUs paired with NVIDIA graphics cards, all housed within our proprietary 3mm aluminum heat-dispersing chassis. This workstation provides the processing capability needed to run both open-source and commercially available cryptanalysis solutions, ensuring optimal performance for even the most demanding decryption tasks.

FORENSIC WORKSTATION
The SUMURI TALINO KA brand of workstations is engineered on the most reliable and stable platform, designed by Certified Forensic Computer Examiners. Each custom-built workstation is crafted with expandability and future-proofing in mind, so you won't need to replace your system every few years. Instead, you can trust your TALINO workstation to evolve with your needs, offering sustained performance and reliability over time.

eDISCOVERY WORKSTATION
The SUMURI TALINO KA eDiscovery Workstation is built on the same trusted platform as our forensic workstations, designed by CFCE-certified experts. Each eDiscovery workstation is engineered with the flexibility to handle any eDiscovery case, from data preservation to spoliation. With a TALINO eDiscovery workstation, you are equipped to manage the full spectrum of eDiscovery tasks with confidence.

NUIX POWERED WORKSTATION
The SUMURI TALINO NUIX Forensic Workstation is a specialized, high-performance system featuring dual Intel CPUs. This workstation was co-designed by certified forensic computer examiners and NUIX engineers, specifically optimized to run NUIX software. The combination of TALINO's power and NUIX's robust capabilities creates an unmatched solution for intensive forensic processing.

TALINO SERVERS

SERVER SOLUTION

The SUMURI TALINO KA Server Solution family delivers the unmatched power and reliability of our TALINO KA workstations in a server form factor, designed by Certified Forensic Computer Examiners for the big data arena. Whether you need to store hundreds of terabytes or petabytes of data, our custom servers are built to meet your exact needs. With multiple processing nodes and tailored configurations, we provide exceptional performance at an unbeatable price.

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SUMURI

DUAL BOOT SYSTEM

Exclusively at SUMURI.COM

SUMURI introduces our PALADIN/Windows Dual Boot System. PALADIN is a world-class software designed for forensic purposes. Our Dual Boot System is available exclusively on all TALINO workstations and laptops.

- A one-click system enables easy dual booting of Windows and PALADIN on high-performance workstations and laptops.
- This solution sets a new standard in forensic technology.
- The PALADIN-Windows combo equips forensic professionals with advanced tools to excel.
- This OEM solution includes a proprietary chassis and pre-installed PALADIN, ready for forensic excellence out of the box.

FULL CUSTOMIZATION

Chassis Colors:
Match your brand with fully customizable chassis colors.

Engraved Plexiglass:
Add a professional touch with precision CNC-engraved plexiglass.

Custom Parts:
Get the latest, high-performance components tailored to your needs.

Laptop Logo Engraving:
Display your logo on Talino laptops with matching plexi-glass.

ALL ALUMINUM CHASSIS

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.

NOW AVAILABLE AND INQUIRE AT SUMURI.COM

MAC FORENSICS TRAINING

The **CFME** is the only truly vendor-neutral Mac Forensic certification available and can be used to assist you in qualifying as an expert for any Mac investigation. When you have taken both of our **MFSC** courses, you are eligible to take the Certified Forensic Mac Examiner certification process at no charge.

MFSC 101 TRAINING

Best Practices in Macintosh Forensics

Provides detailed instruction on the process of examining a Macintosh computer from the first step to last step in logical order.

MFSC 201 TRAINING

Advanced Practices in Mac Forensics

Takes the students into in-depth analysis techniques, which provides the students the ability to apply what they have learned in real world cases.

SUMURI PROFESSIONAL SERVICES

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.

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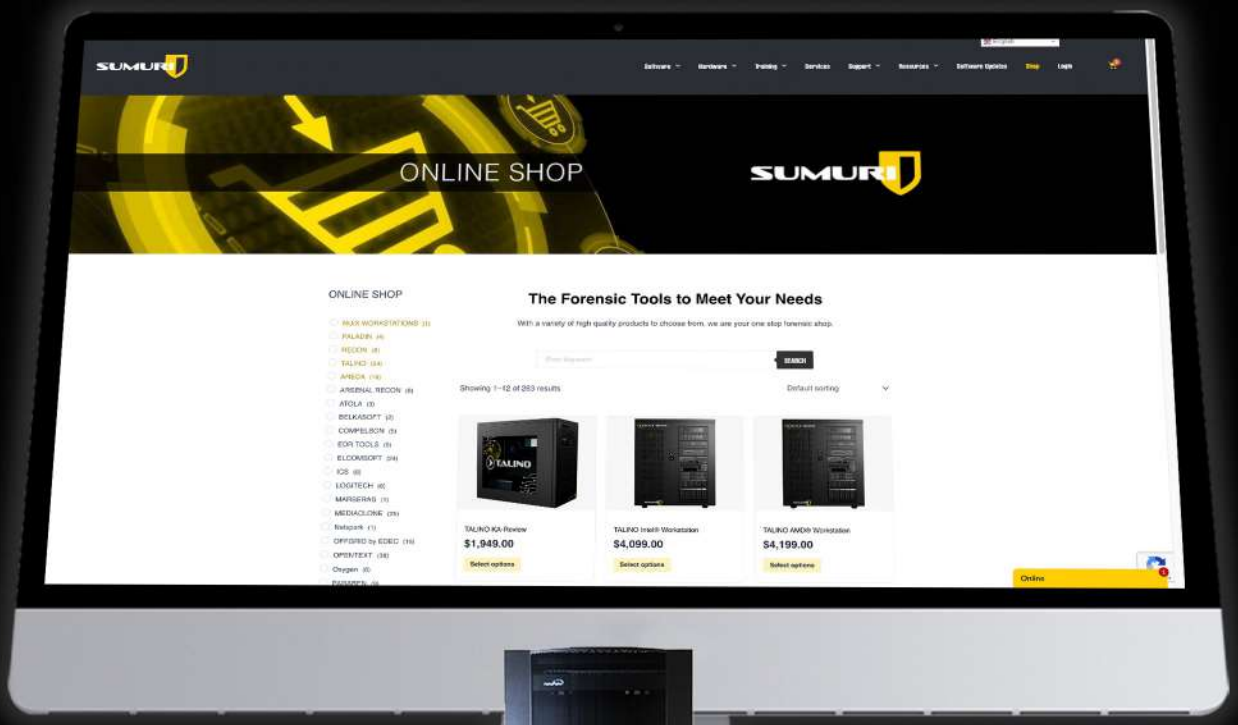
SHOP CATEGORIES

Browse through our One-Stop-Shop and make your forensic tools shopping experience more convenient. All Endless Innovation products in this catalogue and much, much more can be found at our shop online at www.sumuri.com/shop.



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