ONE-STOP INTEGRATED DIGITAL FORENSIC LAB SOLUTION
Contents

I. Crimes Grow Fast in Current Society 3

II. Digital Evidence of modern world of data to be handled efficiently and scientifically, especially for law-enforcement 4

III. One-Stop, Integrated Digital Forensic Laboratory Solution 5

IV. Just Get Started with One-Stop Integrated Digital Forensic Lab Solution 6

V. What's the Difference Between Using Digital Forensic Laboratory and Not? 7

VI. How Does One-Stop Integrated Digital Forensic Laboratory Make the Investigation Process More Efficient and Scientific? 9

VII. Standard Configuration 11

VIII. Testimonials 13

IX. Worldwide Company and our Partners

Contacts
I. Crimes Grow Fast in Current Society

Despite the rapid development of society, criminal activities have not decreased with the development of technology in recent years. On the contrary, statistics show that our society is far from as safe as we hope. In addition, in most cases, digital-related criminal activities caused by technological development account for the majority of all criminal activities. It has to be controlled under forceful public security!

“Much more than that, it still keeps increasingly growing.”

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**Identity Theft Complaints**

- **Identity Theft Complaints Chart**
  - Y-axis: 0, 100, 200, 300, 400, 500, 600
  - X-axis: 2001-2016

**Total Monetary Losses**

- **Total Monetary Losses Chart**
  - Y-axis: $0, $0.2, $0.4, $0.6, $0.8, $1
  - Y-axis: DOLLARS (IN BILLIONS)
  - X-axis: 2013-2016
  - Data Points:
    - 2013: $781.80
    - 2014: $800.50
    - 2015: $1,070.00
    - 2016: $1,450.70

**Total Internet Crime Complaints**

- **Total Internet Crime Complaints Chart**
  - Y-axis: 250, 260, 270, 280
  - X-axis: 2013-2016
  - Data Points:
    - 2013: 262,813
    - 2014: 269,422
    - 2015: 288,012
    - 2016: 298,278

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**Source**


II. Digital Evidence of Modern World of Data to Be Handled Efficiently and Scientifically, Especially For Law Enforcement

“Thousands of questions out there are truly restricting digital investigators from coping with the cases.”

“They urgently need scientific answers to all of them!”

- Incalculable amounts of digital data are stored in digital devices/files/programs. These data written in machine language may contain critical evidence or intelligence, which cannot be directly read and analyzed by humans.
- Each digital device has its own protection mechanism, how could we get access into?
- Any software & hardware tools able to acquire those data efficiently?
- Are they user-friendly enough for everyone?
- How can we pinpoint the key clues from numerous data?
Being born as the most ultimate solution for Crime Investigation, the One-Stop Integrated Digital Forensic Laboratory Solution from SalvationDATA is devoted to providing the most effective, efficient, user-friendly and professional Digital Forensic Assistance.

“Utilizing one-stop integrated digital forensic laboratory solution from SalvationDATA, digital investigators will deal with each digital evidence confidently and comfortably!”
IV. Just Get Started with One-Stop Integrated Digital Forensic Lab Solution

Nowadays, more and more countries start to adopt the one-stop digital forensic laboratory solution instead of free combination one (with different but single forensic tools assembled in) to build a modern digital forensic lab with necessary hardware equipment and software have been systematically integrated at an affordable cost.

Applying to the most advanced forensic technologies is regarded as the fundamental investment to the IT infrastructure which could significantly improve the ability in digital forensics and intelligence reconnaissance for every main body in different level.

Furthermore, the investigator will be able to utilize those facilities on their own in dealing with daily cases and professional training from SalvationDATA, and it helps the country to develop their independent ability through accepting the whole set of concepts physically and mentally. Meanwhile, it also gives them the strength and confidence to learn the new coming technologies step by step.

“More and more countries adopt the one-stop digital forensic laboratory solution.”
### V. What’s the **Difference** Between Using Digital Forensic Laboratory and Not?

#### Not Using

- The forensic tools and hardware that placed separately might be **inconvenient** when you work with cases;
- Single laptop or traditional forensic tower has the default configuration which **may not be compatible** with various forensic software;
- **No functional division** and no corresponding processing mechanism;
- Various forensic software exports the digital **data in various formats** and some might ask for specific readers, without standard processing;
- **No case management** and no one knows the procedure or steps of the forensic job, what leads to unawareness about the current status;
- Collected unstructured data need to be **further be processed** with additional analytical tools;
- Common office environment is not appropriate to accommodate people who don’t usually work there;
- Traditional labs are common to view which has no visual impact on the civilians.

#### Using

- **Clean and neat workplace** with hardware, cables, accessories and interfaces carefully organized;
- **High-performance** forensic workstation with forensic hardware built inside has better compatibility with other forensic solutions;
- Functional divisions have been set for **dealing with specialized cases** which greatly improves the efficiency;
- **Systematized data processing** through the integration of hardware and software makes the form of forensic data and digital evidence unified and reading friendly;
- **Professional case management** makes every process to the point and clear to be seen;
- Helps the users to gather the digital evidence and intelligence in the **structured way** as much as possible;
- **Modernized lab environment** provides a professional place to the investigator, practitioner, scholar, or researcher;
- Scientific laboratory scene enhances the government's **public impression and credibility**, and is regarded as an advanced IT infrastructure.
Lack of innovation and tech-oriented concepts for crime investigations have caused the profound loss of efficiency. Such an approach is just not responsible towards civilians of every single country all over the world.

Benefits of Using a Digital Forensic Laboratory

- **Less labor cost** and higher investigation accuracy rate by following the scientific digital forensic work-flow;
- Reliable potential clues generated by the most advanced **Big Data Analysis** system;
- **Visualization** case processing under Durable Hardware Platform;
- Effective complicated investigation functions decomposed by integrated multiple digital forensic tools.

Though, we've realized tons of cases that are solved by Digital Forensic Laboratories and most of the cases were solved easier this way, there is still a lot of those, who stick to conventional methods, which cause loss and hardships.

“We believe you’ve already been aware of the benefits of deploying the digital forensic laboratory. In this case, why don’t we jump deeper into it?”
VI. How Does One-Stop Integrated Digital Forensic Laboratory Make the Investigation Process More Efficient and Scientific?

Workflow
Normative workflow to ensure the validity and legality of digital evidence. Protect the original data resource that hasn’t been tempered with every possibility and deal with them scientifically and efficiently from multiple devices to find out the potential clues.

Process
Complete procedure assurance that the appeal to users with ideal result can be presented.

Ability
Professional training and friendly operation enable the users to utilize software, hardware and generate legal and visualized reports.

Measure
Advanced integrated digital forensic technologies enable the users to have tools to dispose of various and variety of cases.
Apart from all these professional and normative procedures, a precise functional division with corresponding equipment is going to better specify the investigators’ working ranges and flows among every step.

SalvationDATA manufactures a full set of equipments which could be utilized to create the IT center, command center, security center and digital forensic lab with scientific modules, to serve multiple industries.

With 20 years of experience serving the global customers, SalvationDATA is able to design, integrate and carry out the a comprehensive project which combines the advanced software system, exquisite hardware, futuristic interior decoration and implementation services, according to the demand of users. Eventually, the customers could enjoy a complete solution.

Independent development and numerous research achievements at patented technologies in the data recovery and digital forensic ensure that SalvationDATA has the global leading position in providing software solutions.

SalvationDATA supports the users from law enforcement, police, military, intelligence department, scientific institute, academy and university, IT and financial enterprises world-wide, dedicated to offering the service through utilizing our software and hardware or specialized tools from third parties to assist the users to cope with the challenges happened in the daily cases at the point of view from front-line work in actual.
VII. Standard Configuration

One-Stop Integrated Digital Forensic Laboratory Function Division

HARDWARE EQUIPMENT
- Forensic Workbench
- Intelligent Forensic Workstation
- Intelligent Data Analysis and Visualization center
- Security Locker
- Conference Center
- IT infrastructure: server UPS, LAN

ASSISTANT SYSTEM
- Access control System
- CCTV Surveillance System
- Case Management System

SOFTWARE TOOLS
- Video Forensics
- Mobile Forensics
- Computer Forensics and Data Recovery
- Audio Forensics

“...with all these pros of applying One-Stop Integrated Digital Forensic Lab, nobody is supposed to be fall behind and refuse to chase the most cutting-edge technology in their digital forensics works!”
Hardware Equipment

- Conference Tables
  - ED-CU9908
  - ED-PU9506
  - ED-PU9504

- Forensic Workbench
  - Genius 02
  - Genius 01
  - Front Reception Desk

- Intelligent Forensic Workstation
  - Navigator

- Security Locker

SalvationDATA Technology
Our products have been certified by FCC(US) and CE(EU) and selected into the CFTT forensics tool list of NIST American Institute of Science. At present, they are widely used in numerous digital forensics laboratories around the world.
Feedback From Clients

SOUTH ASIAN COUNTRY CUSTOMER

As the technical agent of our government we’ve been searched and visited many famous IT enterprises all over the world. These years digital forensics becomes increasingly important to my investigative customers, we used to touch the forensic products from Western countries so we can say we had the evaluation about the global vendors. What surprises me is that, nowadays more and more IT enterprises in China like SalvationDATA has a strong performance in this field. Once we visited their R&D center, saw their modern equipment and met their technical team, we realized we found a powerful resource which could support our country to establish the most advanced digital forensic lab through their integrated solutions. As we know, SalvationDATA served the law enforcement customers world-wide for over 18 years and they are willing to share their case experiences with us as the value-added service along with their products. All in all, they actually helped our country to master the core ability in this field instead of just offering us the products.

MIDDLE EAST CUSTOMER

We’re located in Dubai to serve for the UAE government with the latest and best technologies in this world. Before we knew SalvationDATA, our impression and idea about digital forensics and cyber-security had paused in one or two single products from a few enterprises which were extremely confined. Honestly, we just can’t believe that the modern IT labs are widely used everywhere in China and their technologies play a significant role in their daily investigative job. Our economy relies on the security environment and that’s the reason why we are keeping chasing the leading technical solutions to be applied in our places. So, why don’t we just immediately deploy the modern labs like this?
IX. Worldwide Company with Users and Partners All Over the World

SOUTHEAST ASIA COUNTRIES:
Indonesia, Malaysia, Thailand, Brunei

SOUTH ASIA:
Pakistan, India, Nepal

MIDDLE EAST:
Saudi Arabia, UAE, Qatar, Lebanon

EUROPE:
Italy, Latvia, Turkey

AFRICA:
South Africa, Uganda, Kenya, Malawi, Egypt, Algeria, etc.

Let's start to work with the modernized digital forensic lab and advanced tools!

To learn more about us, please visit: www.salvationdata.com

For requesting a quote or a trial, please leave a message to us:
https://www.salvationdata.com/contact-us/

For cooperation, please contact: info@salvationdata.com