XFS

ANALYTICS

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Investigation

XFS analytics

Both the Banks and the securities transport companies that manage cash for ATM today are faced with hundreds of cases of possible shortages per year per country, this means that any of the parties involved must have a specialized team or refer directly to the provider the cases so that they can be solved and determined to whom belongs the fault of the errors that result in economic shortages for the ATMs of the services of alternative banking channels

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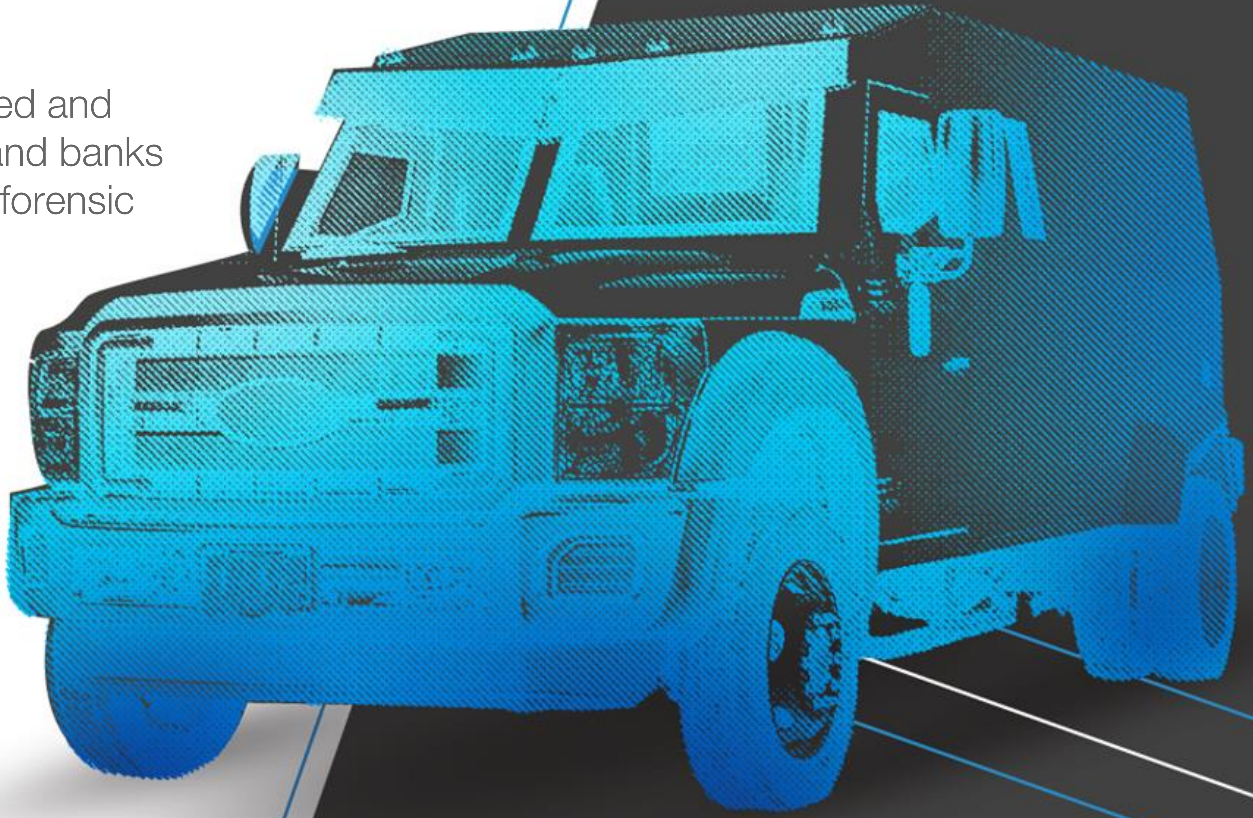
We believe that this process can be improved and benefit the securities transport companies and banks so that they can automate the resolution of forensic analysis of missing cases on the Journals research or third-party logs.

We have created the first solution in the market in the investigation of cases of missing alternate banking channels in the market in which the maximum time for the resolution of a case does not exceed 3 minutes, this will increase by 99.95% the time of resolution of problems of Missing and prevent investigations from EXTENDING to days, weeks or even in the most difficult cases from missing to months.



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The Solution has a Web interface through password and SSL access, in which banking cases and logs are completely protected under the best industry standards.

OUR PRODUCT OFFERS:

- Eliminate the need to have highly specialized and dedicated full time staff to identify and analyze the problems of the ATMS network.
- Control the hardware and cash replacement provider in their routine tasks.
- Save time and resources in the analysis of any type of problem in the ATM network of any brand of hardware and software.
- Carry out impartial and truthful analyzes on the information collected in real time.
- Collection of information and processing completely insured.

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Characteristics

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- Detection of cash replacement errors.
- Analyze cases of real-time cash shortages of multiple ATMs at the same time.
- Extraction of results in PDF or by mail.
- Storage of information in a safe and reliable environment
- Access and control of roles for all information analysis processes
- Interactive interface with ATMs / PoS location management.

Characteristics

XFS analytics

- Management of multiple banks
- Management of different currencies
- Detection of errors of ATMs and of cash shortages in real time
- Secure and friendly web interface

Extraction of virtual Journal logs, XFS Software (Agilis, APTRA, Dynasty, KAL) among others

- Extraction of Windows logs and third-party software such as Mcafee/GMV Checker/Symantec

Removal of hardware events such as skimming and cash-trapping alerts

- Real-time and impartial analysis
- Analysis reports for iFraud features
- Detection of cash replacement errors.
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Requirements

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- **Operating System**

  Windows XP, 7 and 10

- **Hardware**

  All models of NCR, Diebold-Nixdorf (diebold and Wincor Nixdorf) , GRC, WRG , Fujitsu, Nautilus, among others.

- **Software XFS**

  Kal, Agilis, APTRA, Procash/ proba-se, Dynasty, J/XFS, Phoenix XFS and many others.

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Operations Detected

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- Card Errors
- Dispensing errors
- Transaction Errors
- Ticket printing errors
- Check Deposit Errors
  Maintenance mode errors

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TYPES OF ATTACKS

THAT DETECT **XFS** ANALYTICS

Logical Attacks

- (L-OFF) Malware
- (L-OFF) Unauthorized management applications and services
- (L-ON/OFF) PAC=MITM
- (L-OFF) Black box
- (L-ON) Malicious dispense orders
- (L-ON) Malware distribution
- (L-ON) Active Man-in-the-middle (A-MITM)
- (L-ON) Passive Man-in-the-middle (P-MITM)
- (L-OFF) Host spoofing

Presencial Attacks

- (P-OFF) Ram raid
- (P-OFF) Smash and grab
- (P/L-ON) Card trapping
- (P/L-ON) Skimming
- (P/L-ON) Shimming
- (P-ON) TRF I / II
- (P-ON) Cash trapping I / I

■ We detect some physical attacks by connecting to perimeter solutions.

L = Logical attack
P = Physical attack
ON = Requires constant presence?
OFF= Constant presence required

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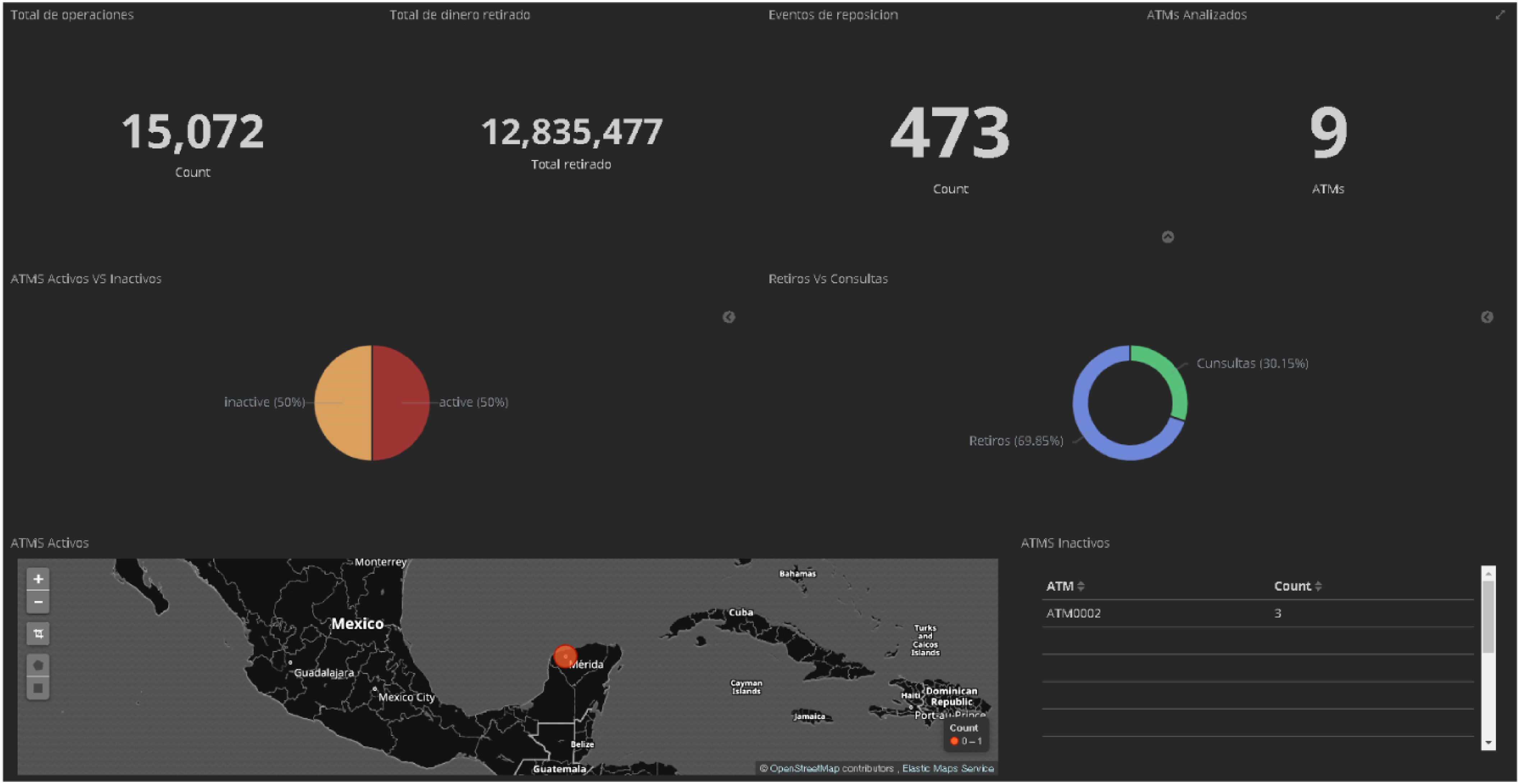
Graphic Examples

General reports



Total de operaciones

15,072
Count

Total de dinero retirado

12,835,477
Total retirado

Eventos de reposicion

473
Count

ATMs Analizados

9
ATMs

ATMS Activos VS Inactivos

Retiros Vs Consultas

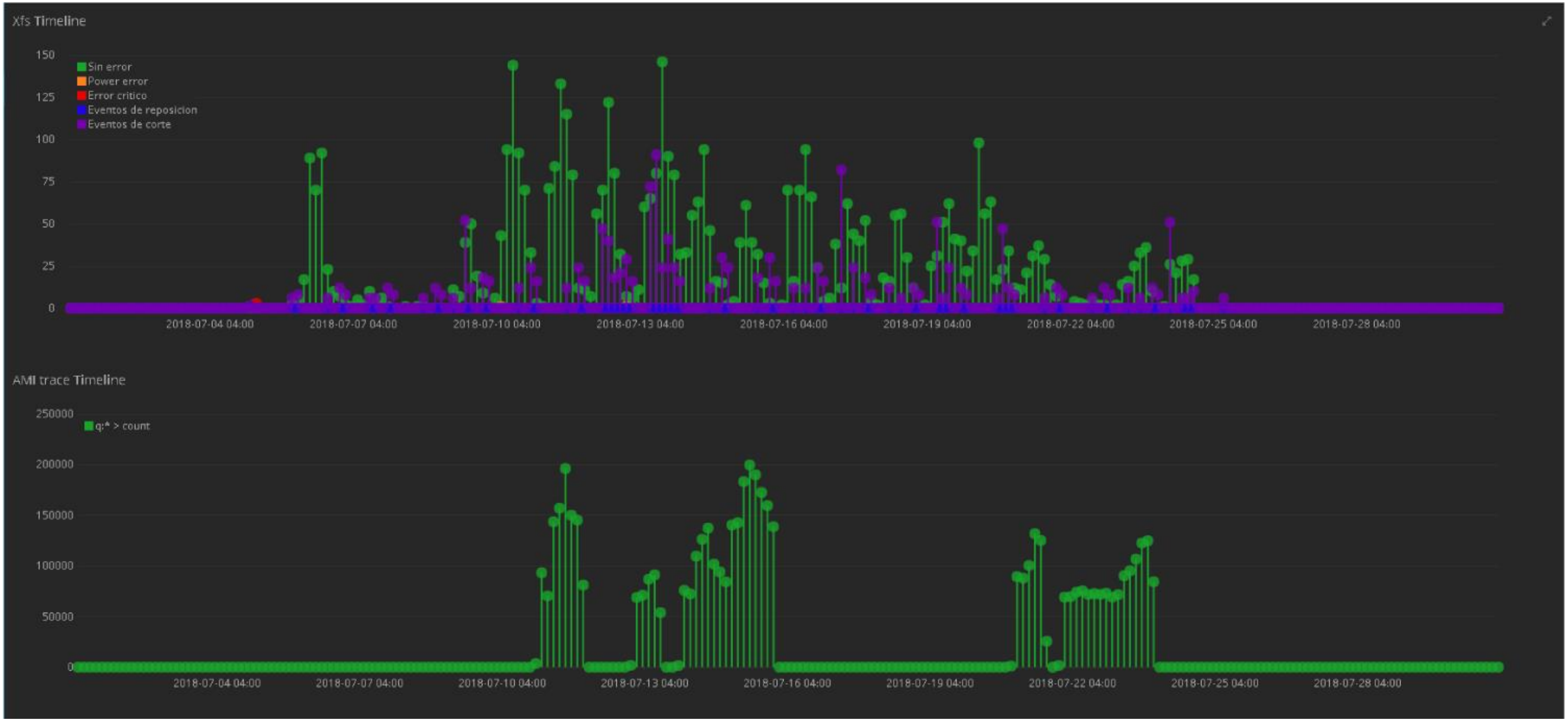
ATMS Activos

ATMS Inactivos

ATM	Count
ATM0002	3

Graphic Examples

Test Dashboard



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info@ebrax.net

(+54) 911 68860163

www.ebrax.net

EBRAX
ATM SECURITY LLC