

how much?



let's meet up

sure, but send a pic first

kk one sec

POSSIBLE
EVIDENCE

TECH TALK



MAGNET
FORENSICS®

Magnet Digital Investigation Suite Pt.1

Transform your digital investigations with powerful analytics and collaborate agency-wide, securely and at scale

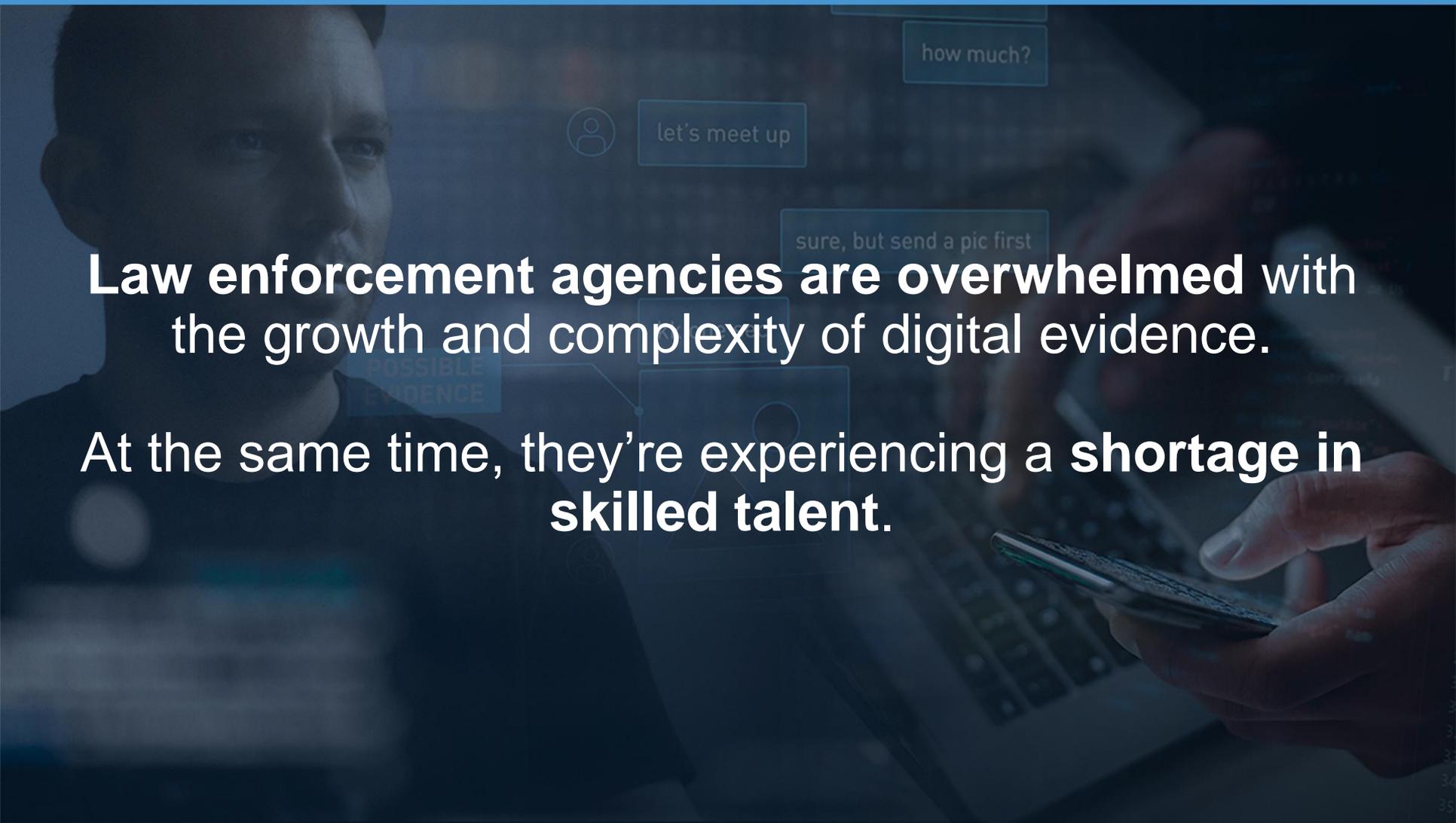
Introductions



Marc Lees
Director, MDIS



Emma Tiernan
Solutions Consultant
MDIS

A man is shown in profile, looking at a laptop screen. The screen displays a network diagram with nodes and lines, overlaid with text boxes containing phrases like "let's meet up", "how much?", and "sure, but send a pic first". The overall scene is dimly lit with a blue tint, suggesting a digital or forensic environment.

Law enforcement agencies are overwhelmed with the growth and complexity of digital evidence.

At the same time, they're experiencing a shortage in skilled talent.

Digital Forensics Challenges

The Case for Change



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Time to Evidence



**Cost +
Inefficiency**



**Data Retention
and Disposal**



**IT Security &
Compliance Risks**



Impact on Victims?

Public Trust is a real issue

Backlogs Are Creating Public Trust Challenges Globally



Child abuse cases delayed by police backlog

By Adrian Goldberg
Presenter, 5 live Investigator

8 November 2015



Maryland State Police Computer Crime Lab dealing with heavy workload, several months of backlog

Maryland State Police Computer Crime Lab dealing with heavy workload, several months of backlog

COMPUTER FORENSICS



'Unacceptable delays' in examination of digital devices in child abuse investigations despite calls for 'urgent review'



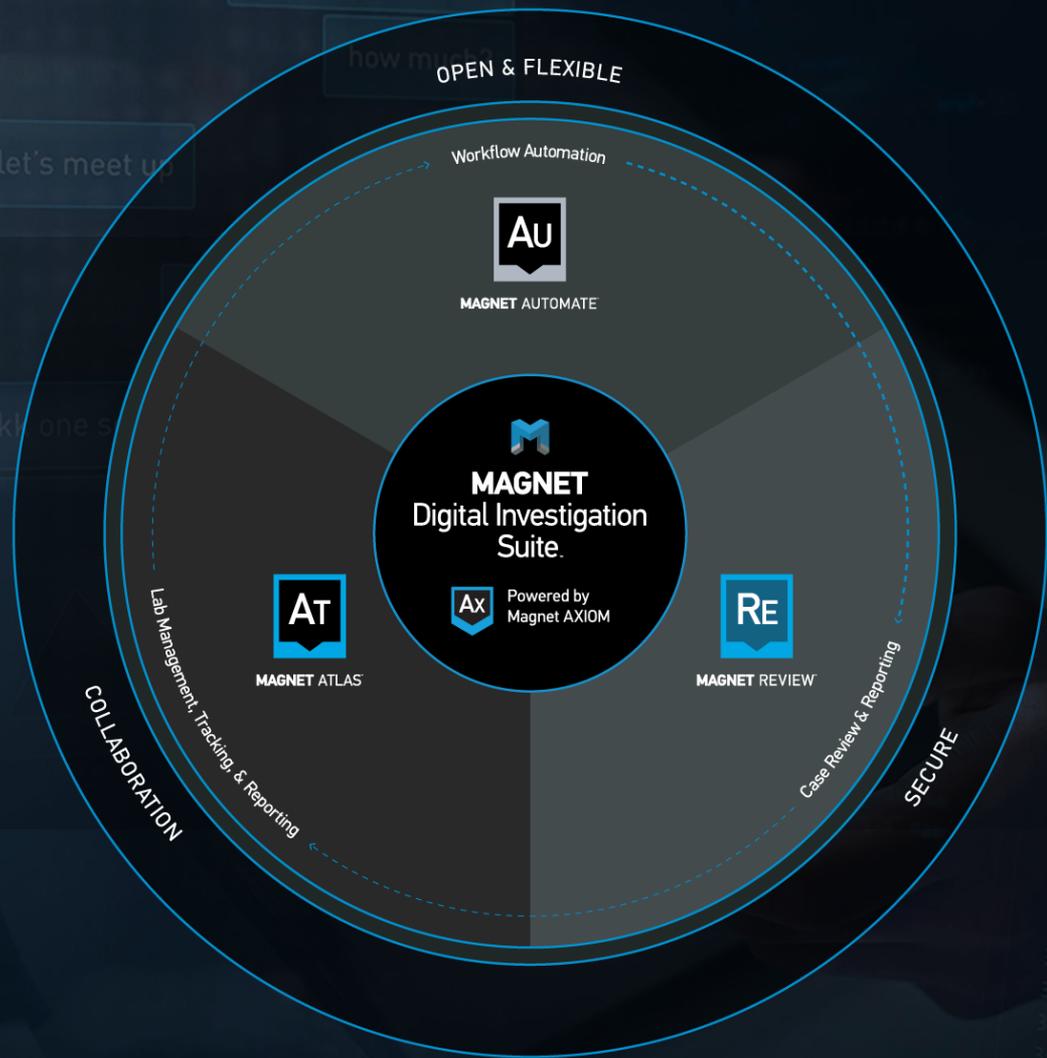
cases in child abuse investigations that have taken more than three years ago,

The Problem with the Approach Today...



MAGNET Digital Investigation Suite™

Transform your digital investigations with powerful analytics and collaborate agency-wide, securely and at scale.





MAGNET
Digital Investigation
Suite.



Powered by
MAGNET
A X I O M™

MAGNET AXIOM

The Magnet Digital Investigation Suite was designed to leverage your investment and amplify the processing and analytics power of AXIOM.

MAGNET ATLAS™

Manage Your Digital Investigations

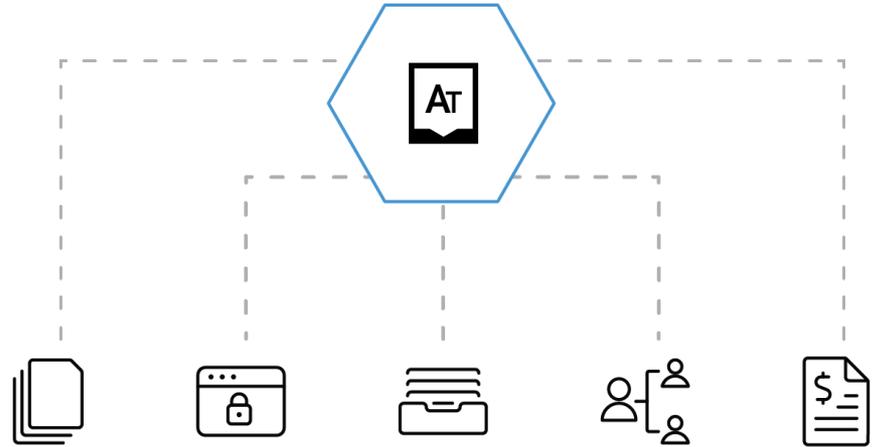


Magnet ATLAS

Easily Organize Investigations

All aspects of an investigation are stored in ATLAS, including:

- Forensic submissions
- Exhibit + evidence management
- Examination Documentation
- People Mgmt + Accreditations
- Results + Reporting
- Expenses
- Case Archives



Magnet ATLAS

Manage and Track Investigations



- Notify stakeholders of key events
- Store and manage all case assets centrally
- Atlas API to integrate with other solutions
- Initiate AUTOMATE workflows via AUTOMATE

MAGNET AUTOMATE™

Automate your Mobile &
Computer Workflows

OPEN & FLEXIBLE

Workflow Automation



MAGNET AUTOMATE



MAGNET
Digital Investigation
Suite.



Powered by
Magnet AXIOM

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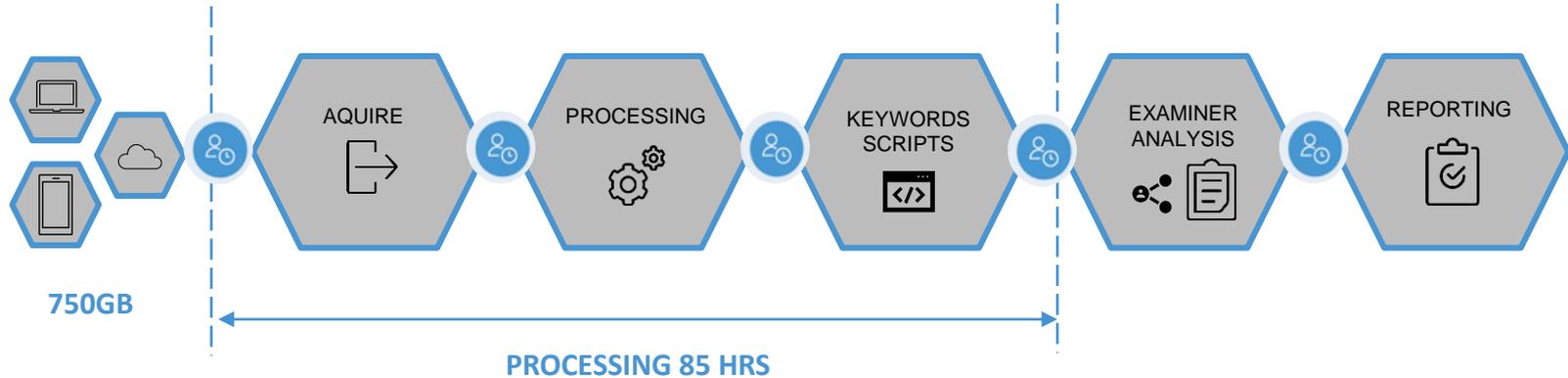
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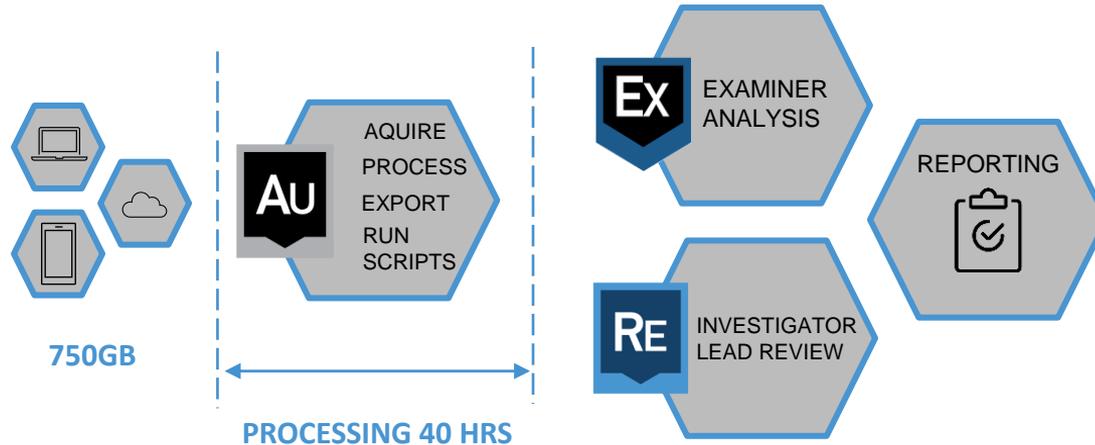
Legacy Workflow

Resource-Intensive



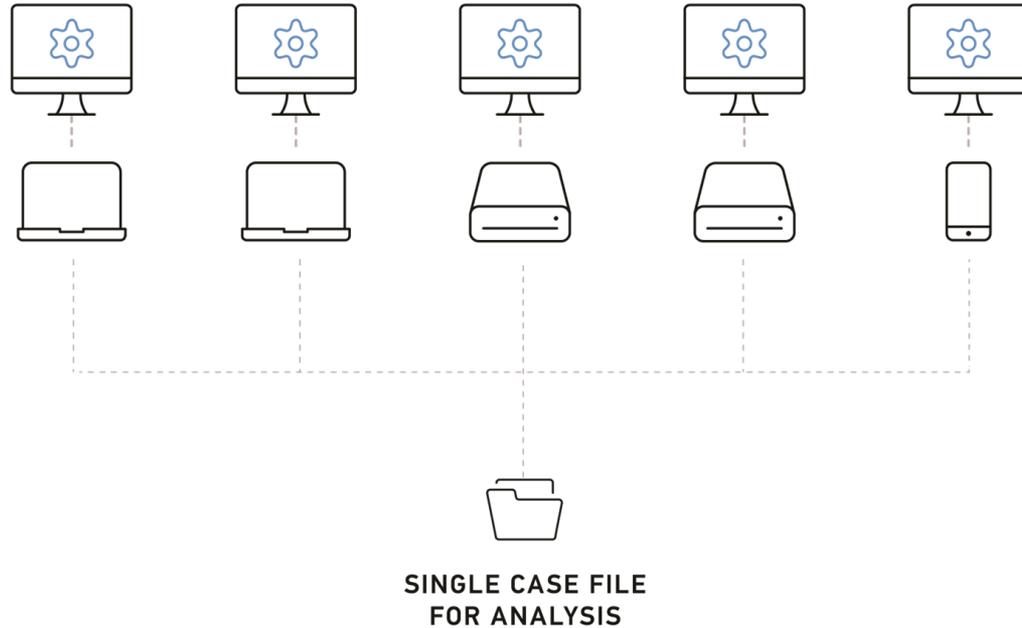
AUTOMATE Workflow

Efficient, Intelligence-lead Investigations

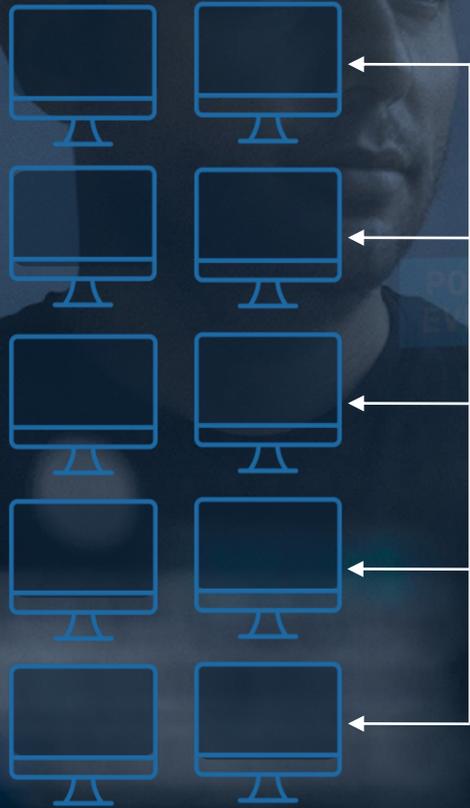


AUTOMATE Workflow

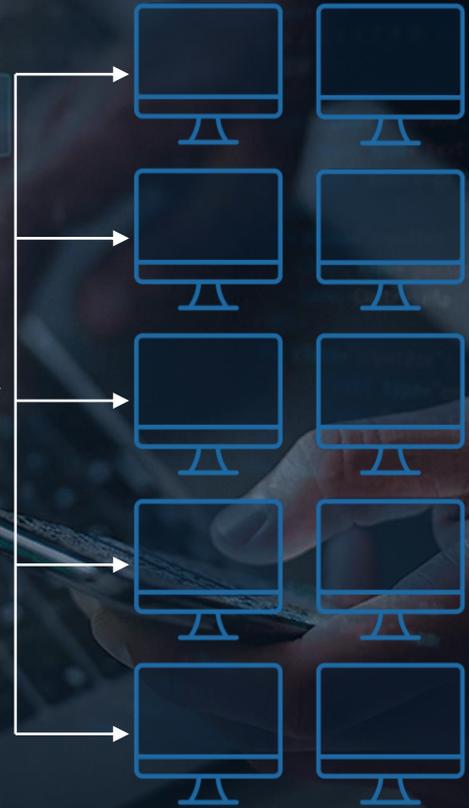
Distributed Processing



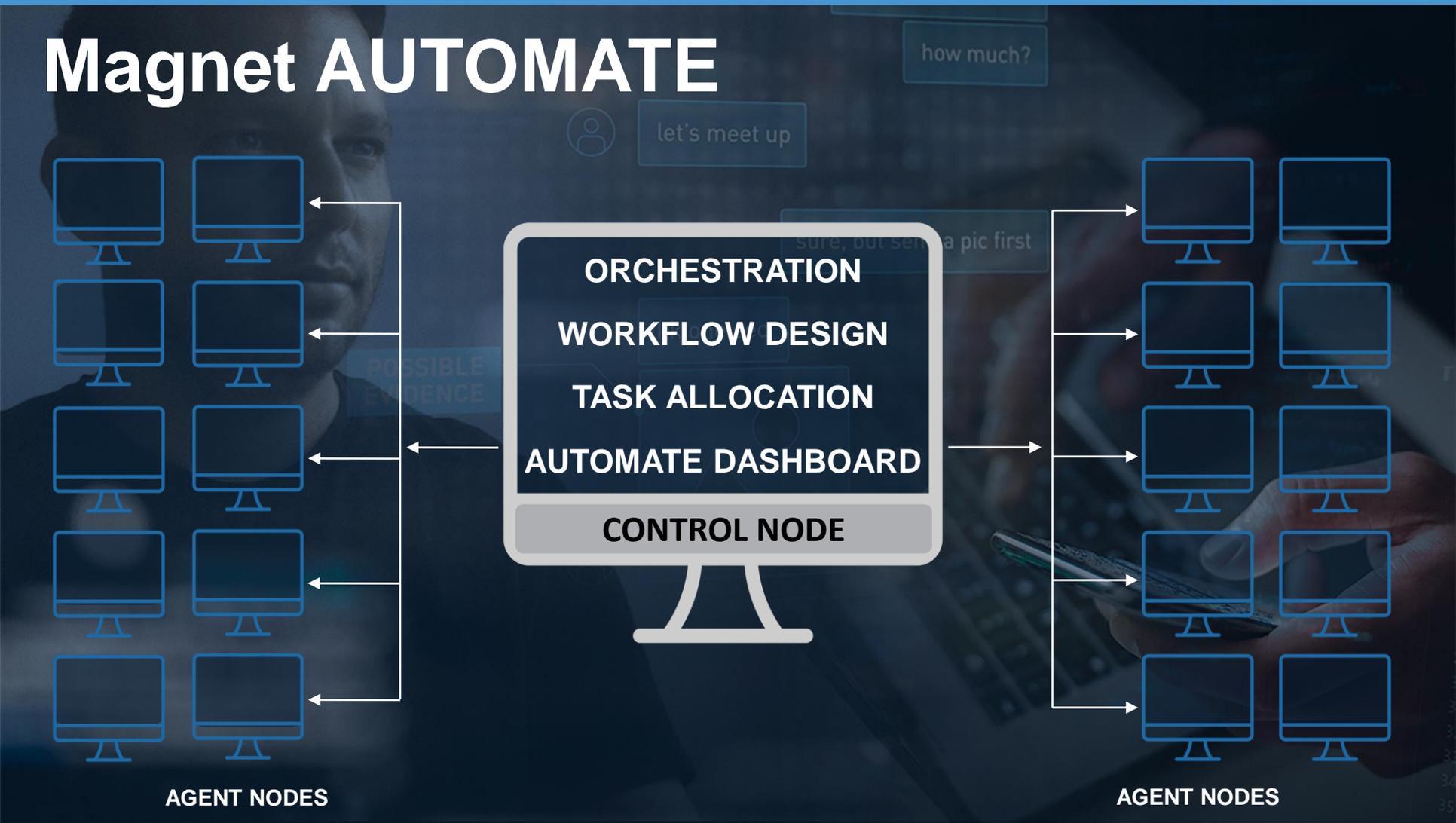
Magnet AUTOMATE



AGENT NODES



AGENT NODES



Magnet AUTOMATE



ORCHESTRATION
WORKFLOW DESIGN
TASK ALLOCATION
AUTOMATE DASHBOARD
CONTROL NODE



ORCHESTRATION
WORKFLOW DESIGN
TASK ALLOCATION
AUTOMATE DASHBOARD
CONTROL NODE



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Accelerate mobile investigations with AUTOMATE

- Monitor folder location/s
- Automatic Platform Detection
- Password lists for automated mobile decryption
- Merge workflows and combine exhibits into a single case



Case Study



let's meet up

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Manual Processing

0633/20 - 172 hrs

AUTOMATE Processing

0633/20

0739/20

0864/20

0714/20

0581/20

0391/20

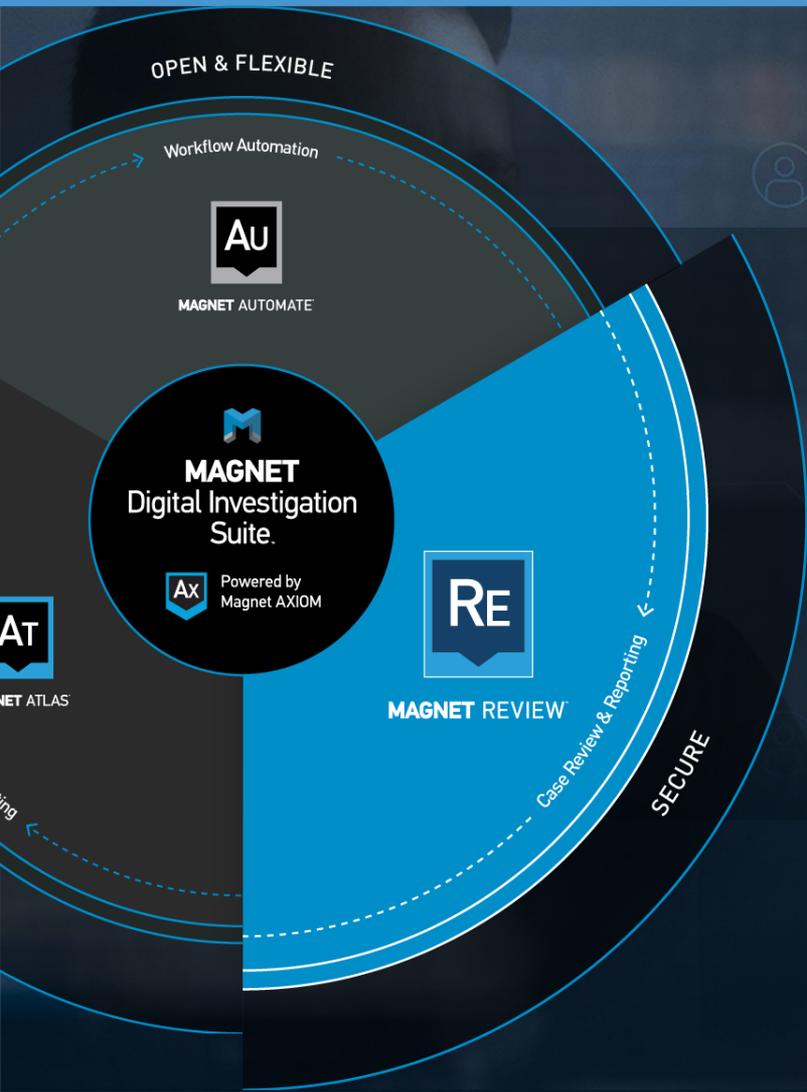


Impact & Benefits

- Elimination of CSE backlog
- Outsourcing costs removed
- Guaranteed time to evidence + service level agreements
- Management of standards & quality assurance

“Because time-to-evidence is now guaranteed inside 48 hours, investigators can identify and act on relevant material quickly—examiners are freed from repetitive tasks, and our computing power is being utilized 24 hours a day, 7 days a week.”

— Senior Digital Forensic Specialist



Magnet REVIEW

Collaborate on Evidence Review
from Anywhere

how much?

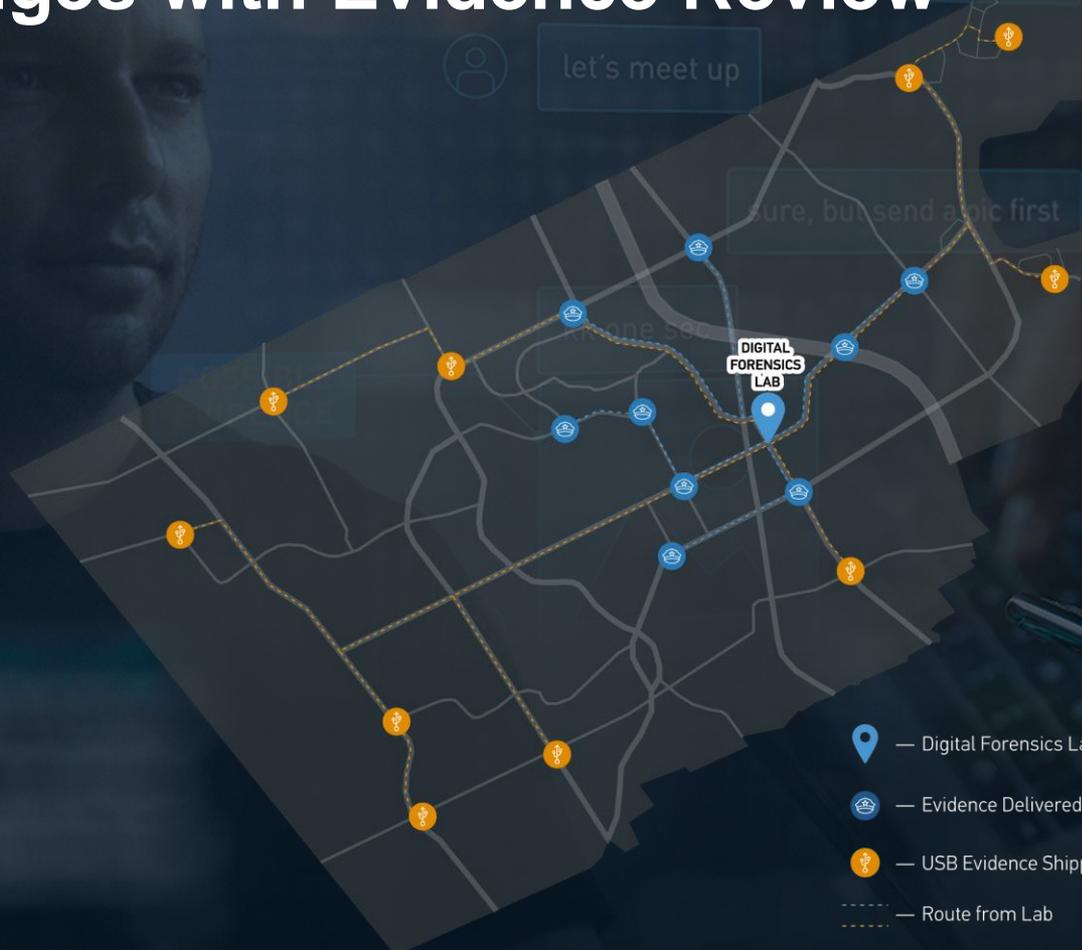
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Challenges with Evidence Review



Sharing Digital Evidence Via USB or File Sharing

Challenges related to team collaboration, separated by distance

DF LAB



**HEAVY
ADMIN BURDEN**

INVESTIGATORS



**POOR ACCESS &
UNDERSTANDING**

IT TEAMS



**COMPLEXITY &
SECURITY RISKS**

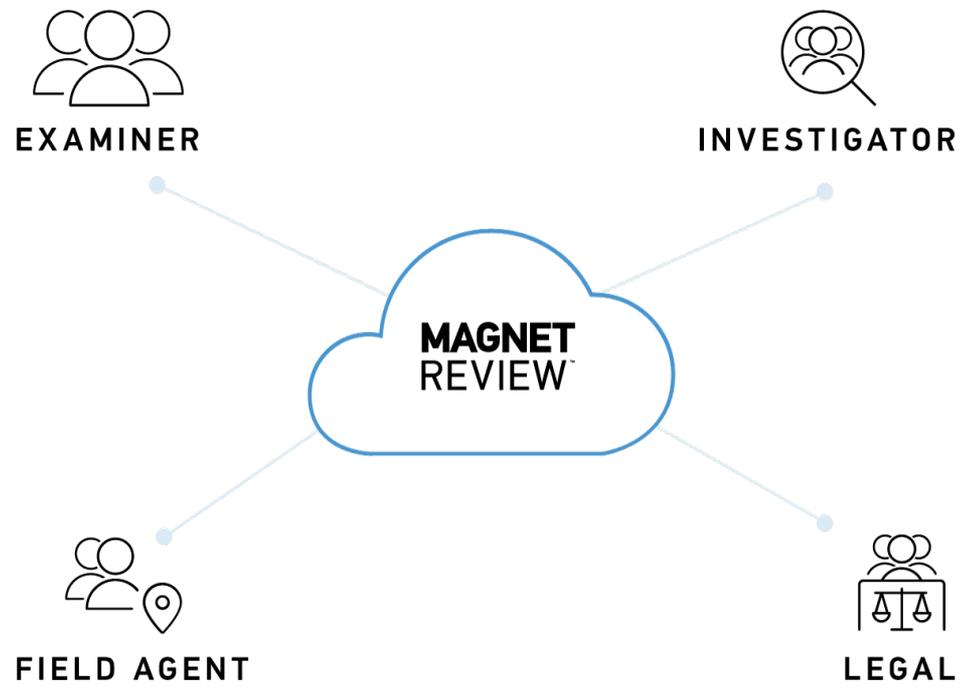
CRIMINAL JUSTICE



**ACCESS & AUDITING
CHALLENGES**

Collaborate on Evidence Review from Anywhere

Replace ad-hoc 1:1 distribution with secure, centralized collaborative review

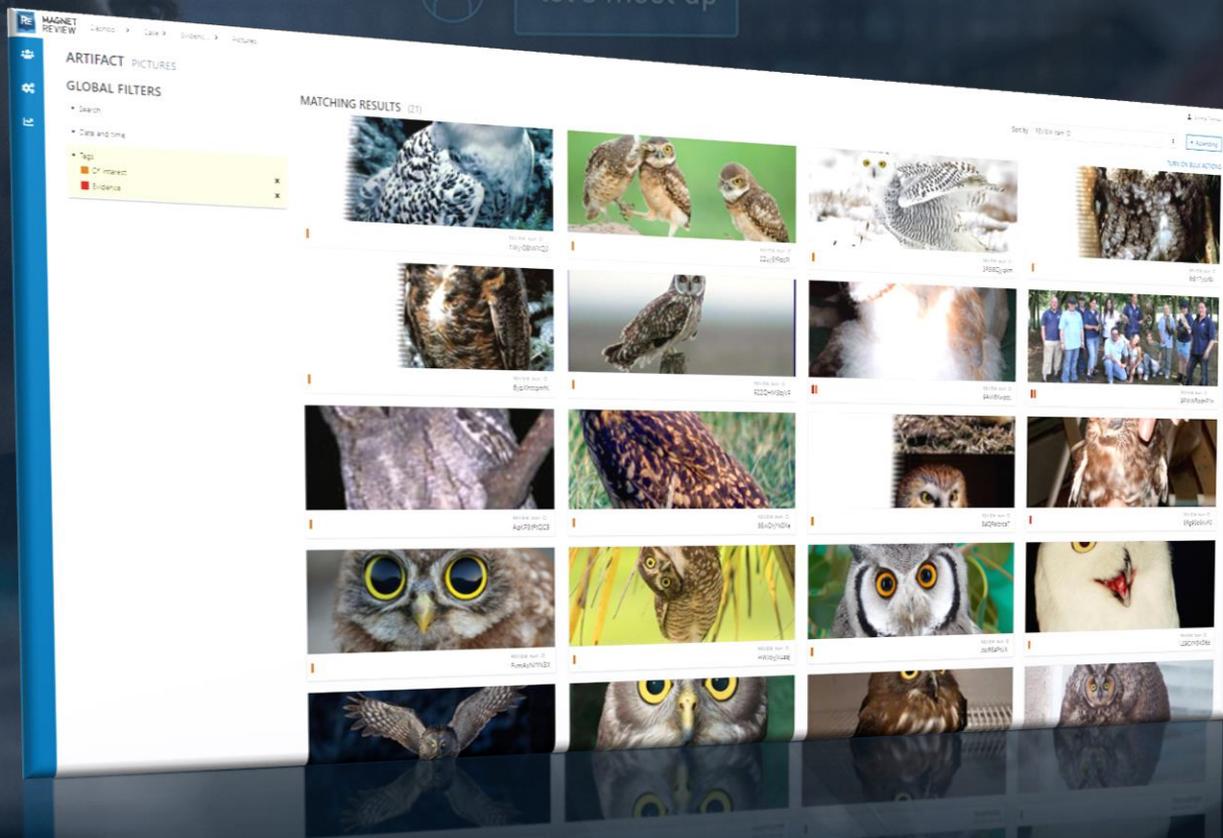


Magnet REVIEW

Intuitive interface purpose-built for non-technical investigators

how much?

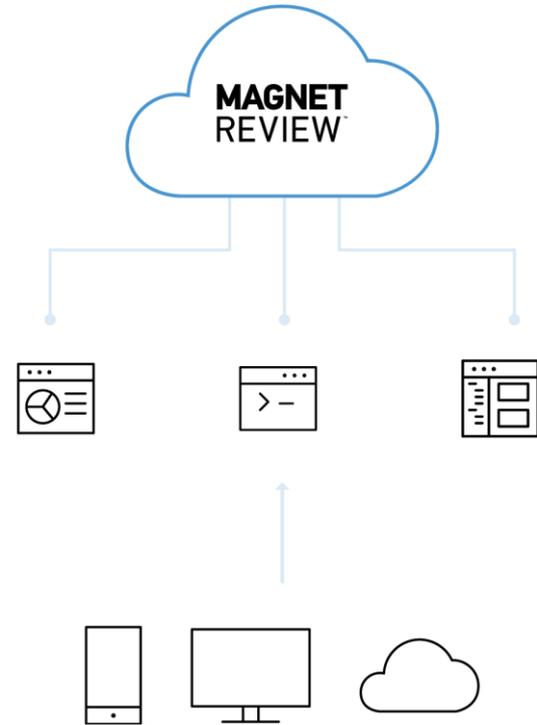
let's meet up



Streamline Evidence Review in One Platform

Combine digital evidence review in one platform to deliver new simplicity and ease of use

- Import evidence from Magnet AXIOM and other digital forensic tools
- Create uniform & consistent reports across all your digital evidence sources, including Mobile, Computer, Cloud, and IoT



User Management and Audit

 EVIDENCE REVIEW

 USER LOGS

 SEARCH TERMS

 COMMENTS & TAGS

 DATE & TIMES

 REPORTING

Key Features

- Flexible role-based access controls for different user needs
- Manage permissions for each case individually
- Produce uniform & consistent reports
- Automatically capture full case history including user activity in case audit logs and case notes



**METROPOLITAN
POLICE**

London's Metropolitan Police Selects Magnet Forensics, Microsoft Azure to Power Transformation of Digital Forensic Evidence Review

*“Our collaboration with **Magnet Forensics** and **Microsoft** aims to ensure that digital evidence critical to investigations is reviewed in a simple, timely, effective and secure manner to ensure justice is achieved.”*

— **Darren Scates**, Chief Technology Officer, London Metropolitan Police

Tea Break...

POSSIBLE EVIDENCE



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TECH TALK

www.magnetforensics.com