

# Accelerate Digital Forensics Investigations



## The *future* of Digital Forensics is



... with predictable costs

### Digital Forensics: Challenges and Opportunities

Society's increasing reliance on technology presents both a daunting challenge and an exciting opportunity for the police service.

Many devices now capture and store data that can be used as critical evidence. However the explosion of data generated from these devices is placing a significant strain on police resources.

To address this challenge, our powerful and scalable digital forensics platform is designed to speed up investigations and manage data effectively.



*"The sheer scale of the information held on mobile devices today presents one of the greatest challenges to law enforcement's ability to secure and preserve evidence."*<sup>1</sup>



Delays in examination of devices carry many risks. In some cases, devices held by police may contain sensitive information with regard to child sexual abuse, drugs and firearm material.<sup>1</sup>

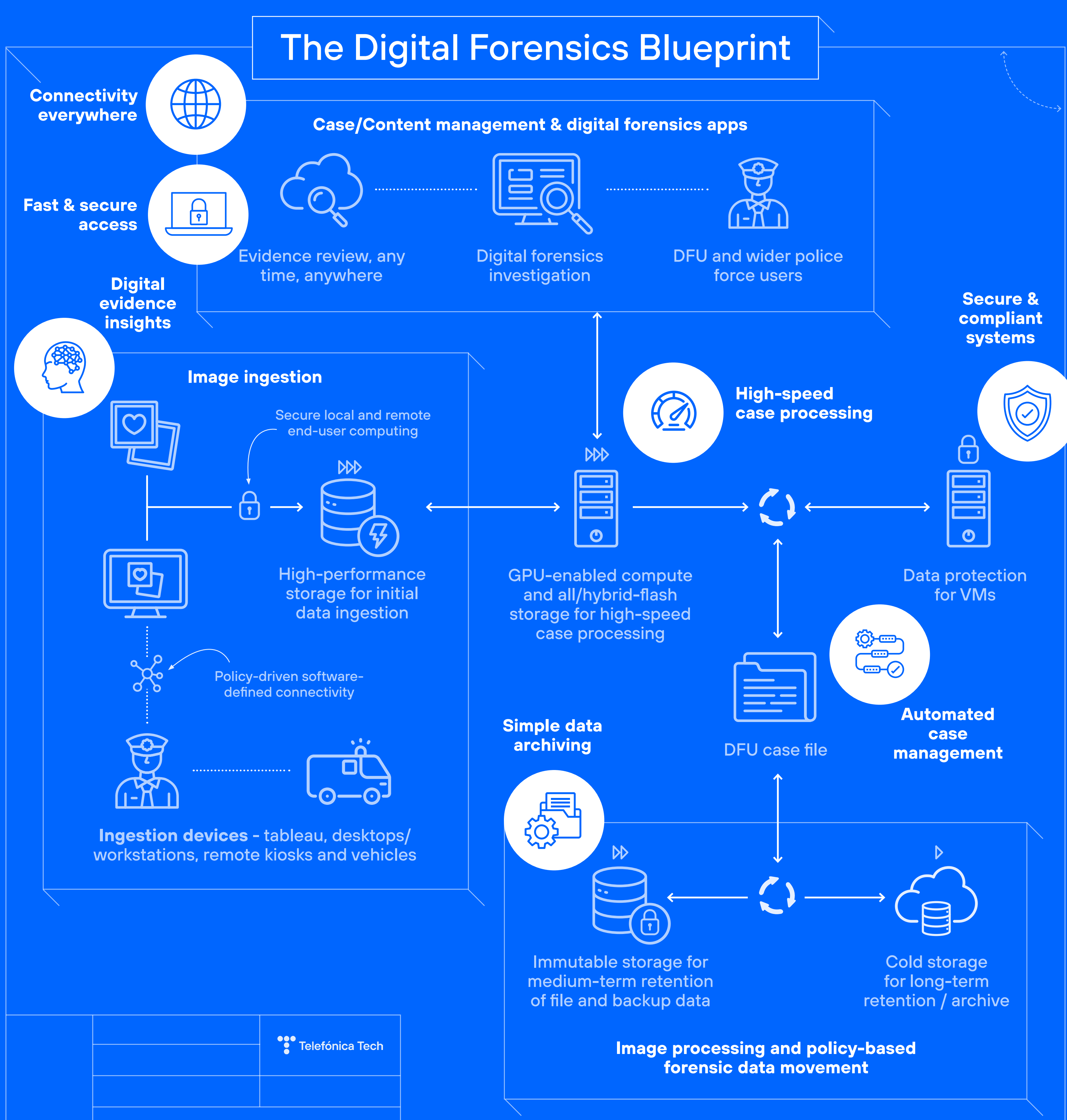
### Digital Forensics Units must solve more crimes, faster, while preserving data privacy and public trust.

#### Digital Forensics Units have unique challenges

- Volume** - The scale of information that can be recovered from the examination of digital devices can be huge, with some mobile phones now able to store 130,000 digital images and other data.<sup>1</sup>
- Legitimacy** - Public trust in data privacy and integrity of the data for evidence must be maintained.
- Legacy data and tech** - Different storage policies and formats make managing data manual, cumbersome and open to compliance risks.
- Legislation** - Extracting and storing of digital material in accordance with legislation and ISO standards are difficult.
- Budget & skills constraints** - A shortage of IT skills is compounded by a lack of core tools which can be costly to upgrade.
- Complexity** - New devices, encryption advancements, and proliferation of data formats are making data extraction and analysis more complex.

### Telefónica Tech understands these challenges

Our Digital Forensics Blueprint tackles these challenges to speed up investigation times



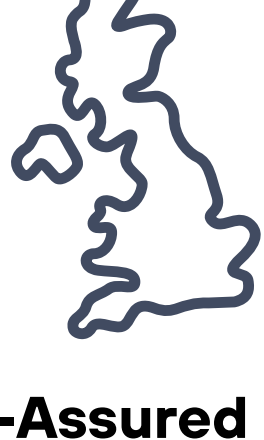
### Benefits of implementing Telefónica Tech's Digital Forensics blueprint

Mitigate risk with a modular blueprint for implementing tried and tested standardised technology infrastructure. Deliver greater power, efficiency, security and agility for your digital forensics platform and data.

- More speed**
  - Start investigations more quickly and reduce case-processing times
  - Protect victims and the public from harm more quickly
  - Automation means more time for analysis and the drawing of inferences and less time on processing data
  - Quickly and efficiently share case and evidence data
- More security**
  - Greater security for confidential and public safety data
  - Improved data governance in line with storage, retention and destruction of records and materials guidance
  - Accreditation to ensure quality standards are upheld
  - Physical and digital security to protect digital evidence data
- More control**
  - Scale up and scale out with cloud technology
  - No need to overprovision to accommodate predicted data growth with a pay-per-use consumption model
  - Predictable long-term costs and outcomes
- Improved service**
  - Enhanced victim support
  - Review evidence any time, anywhere with greater access via the cloud
  - Improved experience for the officer in charge
  - Increase in productivity frees up time to re-invest in core tasks
  - Serve communities effectively

### Why Telefónica Tech?

We provide clarity, accelerate time to value and maintain control of any modernisation deployment. So you can focus on making communities safer while we focus on helping you keep your data and systems secure with:



**Police-Assured Secure Facilities (PASF) UK operations centres**



**NPPV/SC cleared personnel**



**ISO certifications and ITIL processes**

1. [HMICFRS Report: An inspection into how well the police and other agencies use digital forensics in their investigations](#) (Published 1 December 2022).

to speak to an expert in modernising the police sector.

