Changing UK policing with smarter digital evidence management

Using evidence more effectively could make you more efficient. And save your organisation money.
It’s a time of huge change

Criminal behaviour is evolving. And recorded crime and cyber crime are on the increase. But technology can help you deal with the challenges you face.

The reality of modern policing is shrinking budgets and dropping personnel numbers. The pressure is on to keep citizens safe. And with incident numbers rising, countering crime is a constant challenge.

Thankfully, we’re getting better at understanding the extent of cyber crime. And because digital evidence is available at every crime scene, it’s now easier to get the data you need, when you need it.

Managing digital evidence is key

Digital evidence was hardly on the radar ten years ago. Now, it’s projected to double every two years. And without automation, managing it all is impossible. So a platform that makes it easier to process, analyse and share information is a big help.

It also means you can bring in social media data and guarantee your evidence is authentic. And you can integrate tech like body-worn cameras, and file information more easily. When it comes to modern policing, having the right evidence ready at the right time can make all the difference.
Better digital evidence can make you more effective

Powerful digital evidence management (DEM) isn’t only about making cases run more smoothly. It can also make your investigations more efficient and reduce spending.

There’s more to DEM than just management. It can also have a big impact on your productivity. And your budget. In fact, it could reduce the amount forces spend on low-level crime by 25 per cent. That’s over £30m a year. And video evidence alone could make investigations more efficient by at least 21 days. That’s a saving of £110 per case.

But it’s not only good for your budget. It can save you time, too. The Crown Prosecution Service estimates that an extra 11 per cent of cases processed could have an earlier guilty plea. So your team can waste less time preparing old cases. And spend more time working on new ones.

Plus, DEM can integrate with the systems you already use. So your teams can use tech they know – with smart new systems to work more effectively. And it’s faster to process, analyse and verify backlogs of digital evidence. So your teams are less likely to miss ongoing crime.

There are other benefits, too. Live streaming for visual verification can help reduce false alarms. They currently cost police and fire services £72m every year. And smarter CCTV viewing and alarm verification checks could help police foil robberies like Hatton Garden immediately.

25%

Digital evidence management could reduce spending on low-level crime – currently £130m – by 25%
We can help you prepare for a smarter digital future

We’ve got the technology and know-how to help get more from your digital evidence

With over 100 years’ experience as a trusted public sector partner and 25 years’ of experience in surveillance, we understand modern policing issues. As the UK’s biggest communications provider, we work behind the scenes to underpin public safety across the UK.

The MoD, Police and other critical services trust us to keep them connected. And our network offers 4G in more places than any other. Which is why we’re powering the UK’s critical new 4G Emergency Service Network.

We got the know-how to deliver fixed, mobile and hybrid surveillance solutions. And we can deliver end-to-end setups — from fitting out control rooms, to integration with legacy equipment via IP and analogue technology.

Experience on a global scale
So why not make the most of our experience? We offer the widest range of security services in Europe. And we’re the first comms provider to sign a data exchange agreement with Interpol as it combats cyber-crime across the globe.

We know how important it is to quickly and easily present digital evidence. And how difficult it is to manage a lot of sensitive information across sites. But we have the tech to help you do it. And with our experience of managing complex solutions, we can manage the whole service – freeing you up to focus on delivering results.

21 days
Video evidence alone could make investigations more efficient by at least 21 days.
All your digital evidence in one place

Our tech can help you manage and process data faster. So you get the evidence you need right at your fingertips – and it’s all super secure

Our DEM platform helps you get more from digital assets:
- It makes it easier to share information internally and with partner organisations.
- The video processing tools save time and help your teams streamline their case files.
- Analysis features give investigating officers better insights.
- The visualisation capability gives you real-time situational intelligence.
- It’s fully scalable, brings together information from different systems, and offers new ways to visualise evidence. So you can deal with future increases in digital evidence.

Built in security keeps sensitive data safe
Digital evidence is nothing without watertight security. And we carry a huge amount of the world’s internet traffic. So we’ve got a ringside view of the biggest threats.

We use the information we get to protect ourselves and our customers. Which is important when we defend against over 125,000 cyber-attacks a month.

Security is in our DNA
Then there’s our security team, which employs 2,500 people across 14 operation centres around the world. So we’re there when you need us. And because we’re both a customer and partner of the world’s biggest security vendors, we don’t just resell systems. We’re at the cutting edge of global security research.

It all adds up to embedded security that keeps your most sensitive information completely safe.

The IDC has recognised us as Overall Leader in Managed Security Services in Western Europe, 2017. They said:

“While BT is a strong performer in terms of the technical capabilities that it can offer clients through its MMS proposition, BT performs particularly well in comparison with other vendors for both the recognition of growth topics and its investment in innovation”
Together with Hitachi, we’re taking a simple approach to complex technology

We’re working with Hitachi to give you the technology and software you need. Without the complications. So you can do things like manage uploads easily, quickly create ‘evidence baskets’, and use intelligent search and evidence mapping. All on the tech you already have.

The system makes it easy to manage access, and share evidence securely with other forces. And because everything is recorded digitally, you can get a complete audit trail across your system. So you always know where the data you’re using has come from. And where else it’s being used.

Get the insight you need

Our systems make it easier to view all your evidence in one place. From forensics and video, to social media searching and profiling. And once you have the evidence you need, you can use predictive mapping for future crime risks, automatically detect faces, and see video analytics for unsafe movement in public places.

£72m

Live streaming for visual verification could cut down on false alarms, which cost the Police and Fire services £72m every year.

You can even layer different maps to cross-reference evidence. It takes the data you already have and supercharges it.

That means you can make better decisions, faster. And it’s easier to charge suspects appropriately or confront them with clear evidence at an early stage. So you’re more likely to get an early guilty plea, and less likely to see discontinued cases.
A comprehensive solution – from start to finish

We’ve built our systems with the latest tools. And we’ll update them regularly when smart new tech comes along. So you’re always ready for the future.

1. Capturing data
The digital evidence process starts with bringing in data from different sources. Our solution gives you a portal where citizens and partner agencies can upload digital evidence. Everything’s easy to organise and there’s a browser which makes data access simple. Better still, you can use the infrastructure you’ve got to do it all.

2. Creating cases
Our solution is quick and intuitive to use, so you won’t waste time or money training your people. It’s easy to re-use evidence in other investigations. And tools like timeline, geo-fencing and the ability to compare different data sources make investigations more powerful.

3. Search and review
With intelligent evidence search, it’s easy to map and visualise evidence for each case. You can rewind to relevant moments of interest and retrospectively review social media. And with emerging capabilities for searching through video footage, dealing with evidence is easier than ever.

4. Sharing information
Our solution’s based in the cloud, so it’s easy to share evidence with partner agencies and prosecutors. But that doesn’t mean you need to compromise on security. You can give access to groups of officers or named officers. Or even set up role-based access. Better still, you can do it on a case by case, or exhibit by exhibit basis.

5. Editing and redaction
With editing tools, you can reduce hours of footage right down to just the relevant content. While flexible storage options and automatic pixilation makes sure footage stays private.

6. Security and compliance
By using our solution, you’ll have a complete audit trail that’s fully compliant with the Information Commissioner’s Office (ICO) requirements. It’s modelled on the rigorous US ‘chain of custody’ requirements and uses industry-standard encryption and built-in security.
7. Disclosure and integration
With our solution, it’s easy to exchange data into and out of command and control, records management and case preparation systems. You’ll have the flexibility to set up a workflow to suit individual needs. And there’s even the possibility to consolidate systems in the long term.

8. Facial mapping and predictive mapping
Automatically map up to 640 faces per minute and search them against a database. You can also get a visualisation of likely future crime risk, taking into account everything from weather and incident records, to social media.

9. Intelligent video analytics
Quickly detect unsafe movement in public places, outbreaks of fights, intrusion detection and spot ‘left behind’ objects. We’re also developing AI to help you map suspicious behaviour.

10. Social media search
Search Twitter for specific terms within an area and look into historical data – it’s ideal for creating inferred location data when you haven’t got a specific location to work from. You can also get a social graph of an individual’s network, pattern of life and digital footprint. We’ll be adding even more search options soon – including the dark web.

11. Visualise information
Combine different sources into a single view and bring in everything from CCTV and BWV to dashcam and building floorplans. It all adds up to digital evidence that’s easy for commanders to use and see what staff on the ground see. Best of all, it’s available anywhere.
A better experience for citizens, officers and victims

Getting justice is faster and easier when you’ve got digital evidence that’s managed effectively

Because our DEM solution is data agnostic, it can integrate with the systems you already use. So your teams won’t need to learn new hardware – they’ll just get handy new tools. The system makes it easier to get useful insights into evidence using the powerful analytics. And because all the information is better managed, it’s quicker and easier to get to what you want.

This is all backed up by smarter search, which helps you find and share what you need faster. So you can collaborate more easily with other officers. Or other forces. It means your investigations are more efficient, and you can make real time decisions more easily. Because you’ve got all the information you need at your fingertips. Put these features together and it all adds up to better justice.

And there are plenty of benefits:

For citizens:
- It offers better justice outcomes
- It’s easier to submit material for investigations.

For officers:
- more convictions
- more information
- better ways of working
- easier to collate evidence and speed up the investigative process.

For victims:
- peace of mind
- a swifter judicial outcome, leading to satisfaction – and justice.

The Crown Prosecution Service estimates that digital evidence could mean an extra 11% of cases could have an earlier guilty plea.
Why BT

We work behind the scenes to underpin public safety and security across the UK, from police forces to central and local government. So we know the issues you’re facing. We’ll use that know-how and experience to help you make lives better. And the benefits of working with us don’t stop there:

Supporting the Policing Vision 2025
We’re committed to supporting police forces as they serve diverse and complex communities. We know and that our technology needs to be ready to evolve with modern policing. That’s why we’re investing in the technology of tomorrow.

Award-winning networks that won’t let you down
Our global network is recognised by Gartner and other independent industry specialists. We’ve created networks that run at 5.6Tbps. That’s fast enough to download 100 videos in a second. And by 2020, we’ll have increased EE’s 4G coverage to 95% of the country.

A commitment that we’ll never stand still
We’re investing £10 billion in new technologies in the five years. They’ll help us to develop the services and tools that will see you thrive in the future.

Solutions perfectly tailored to your organisation
Delivering regional public services is tricky work. That’s why we’ve got a wide range of tools, technology and ideas to work with. So we can offer you the right solution, whatever your needs.

You’ll be working with experts
We have the people, the partners and the know-how to offer the best advice, service and support. And by working with Hitachi, we can achieve more than we could on our own. To bring you more of the services you need.

We’re a trusted public sector partner
The MoD, Police and other critical services trust us to keep them connected. And our presence on national and local government procurement frameworks means it’s quick and easy to start work with us.
How to get in touch

To find out more, please contact your BT Account Manager
business.bt.com/publicsector