

HACK THE POLICE 4



14-15 September 2019
sponsorship packages

What is Hack the Police?

Hack the Police is a weekend hackathon where teams of participants compete to come up with the best innovations for challenges in policing and public safety.

- ★ Participants can sign up at:
hackthepolice.com

What is a hackathon?

Hackathons are invention marathons for developers, designers, academics, practitioners and more. During the event, participants ('hackers') will build creative projects to tackle the themed challenges. Hacking means "let's hack something together!" rather than "let's hack that computer!"

Where will it be?

The event will be hosted in a number of locations over the weekend of 14-15 September 2019.

We have confirmed our London venue, hosted by ComputaCenter UK Ltd.

We are in conversation with two other locations in the UK - to be confirmed soon.

Who is hosting it?

This event is hosted by **Police Rewired**, a community of volunteer professionals building and enabling new Innovations in public safety.
policerewired.org



Who comes to Hack the Police?

Developers and designers with an interest in civic technology, or who enjoy the buzz of hackathons often attend events like Hack the Police.

Police Rewired attract volunteers with a strong interest in crime, social justice, and public safety. We also invite specialists with expertise in policing with an appetite for innovation.

Other attendees are stakeholders from policing bodies, who attend the project presentations and prize giving ceremony, and members of press bodies with a focus on crime and policing.

Is it themed?

This year's theme is *crime scene investigation*.

Sponsorship packages

To sponsor Hack the Police 4, or to make enquiries:

Please contact:

team@policerewired.org

Bronze

£500

(5 available)

Silver

£750

(5 available)

Gold

£1000

(3 available)

(to discuss)

(to discuss)

(to discuss)

	Your logo on our event site and web page	A mention and thank you in the opening speech	Your company roller banners on-site	Your text in event emails and event page	A few minutes in the opening speech	Present an award
Bronze tier	✓	✓	✓			
Silver tier	✓	✓	✓	250 characters		
Gold tier	✓	✓	✓	500 characters	✓	✓

What outcomes can we expect?

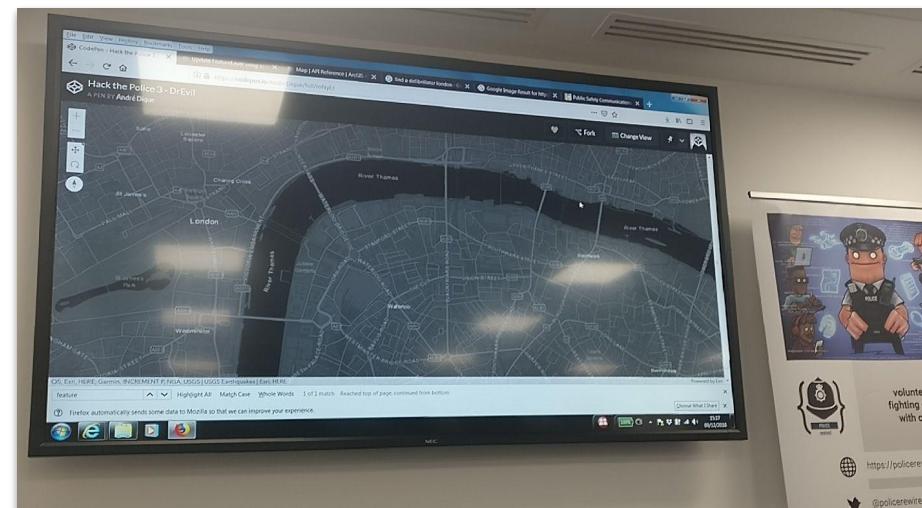
Hackathons are creative events...

In 2018, we saw extraordinary presentations - ranging from virtual reality simulations and case management, through 'cheap as chips ANPR', to machine learning that reasons about witness statements and crime reports.

Hack the Police 3 report

In 2017, two teams developed prototypes of the Self-Assessed Interview - a tool developed by Dr Fiona Gabbert and the Goldsmiths Forensic Psychology Unit. It provides instructions and questions enabling witnesses to provide their own statement - for use when restricted resources preclude a traditional interview. At least 1 major UK police force is developing an implementation of the SAI for use.

Hack the Police 2 report selfadministeredinterview.com



Hack the Police 3 projects

London. Andre presents Interoperator. It's an exploration and demonstration of how powerful analysis tools could be if only data formats were standardised across industries and across police forces.

Prize-winner: Best use of ESRI maps

London. Andreas and Shan present their work on Virtual Reality crime reports - where all the relevant pieces of evidence and information are made visible and can be placed around an investigator to explore up close!

London. Umar presents his work on facial recognition, and shows us how to use it on the reams of publicly available video of events and incidents on YouTube.

Prize-winner: Tackling hate crime

Lincoln. Team Nick and Jan built a quiz to test your cyber security and cyber crime knowledge. It's their first hackathon project.

Prize-winners: Reduction of cyber-crime

Lincoln. Team Fresh presented PolSe, a tool for collating and managing information in the search for missing persons.

Lincoln. Team Cursor demonstrated a conversation bot to handle simple 101 calls to police services.

Prize-winners: Officer efficiency.

London. James tackled the Building Information Management challenge, and investigated police properties to determine if he could find vulnerabilities or attacks on the buildings, infrastructure or data they held - using only open source information.

London. Kieran built a model to help detect repeat victims in large amounts of data from the Crime Survey of England and Wales. Repeat victims are on the receiving end of a huge proportion of all crime.

Lincoln. Cyber Specials from CSCV presented some great new ideas for capturing digital forensics.

London. Team Blue Highlights present CRIS10 (pronounced 'Kristen') - a tool that can read and summarise crime reports - and even answer questions about them!

Prize-winner: Working with the vulnerable

Lincoln. Exatek Cyber presented a Virtual Reality training scenario for detectives.

They also did some investigation into two other challenges: Tracking the flow of drugs, and locating wanted people with open source techniques.

Lincoln. Team Blue Mesh reimagined incident and crime report visualisation - and built a tool to highlight correlation and conflict in reports; and another to drill down into report details.

London. A Cop on Every Corner is a project proposed by Alex Blatchford at the MPS. It shows how micro-taskings can be distributed by location, time, and capability to increase police presence. Lewis developed a mobile app to demonstrate the user experience.

London. Team Splatten present their work preparing images and training a neural network to say useful things about blood spatter patterns and droplets - to assist detectives with crime scene investigation.

Surprise category winners: Best team name!

London. Jonathan presents his work on creating a system for CCTV delivery.

Prize-winner: Reducing violence
Prize-winner: Best in show!

Lincoln. Team We Got This built a community ANPR app that allows members of the public to contribute to the search for people wanted of serious crimes by putting a phone in their dashboard.

Prize-winners: Best use of a web app



Who supports Hack the Police?

The Metropolitan Police and Lincolnshire Police both supported Hack the Police in 2018 through venue, sponsorship, resources, and prizes.

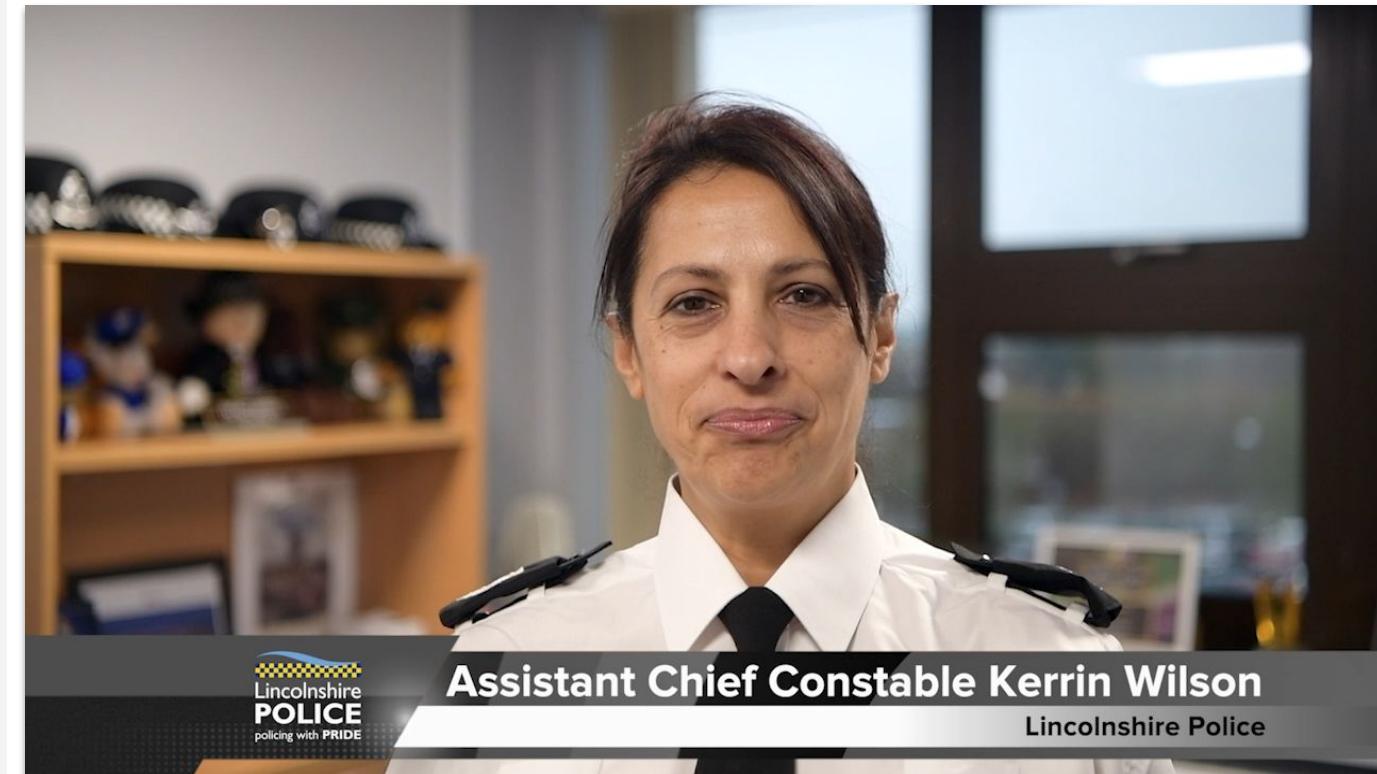
At Hack the Police 3, MPS Deputy Commissioner Sir Stephen House and Lincolnshire ACC Kerrin Wilson welcomed attendees.

Police officers and staff of many ranks volunteer their own time to come, sharing their knowledge and experiences.

Our judging panels are drawn from experts in policing, public service providers, practitioners and academics.

2018 judges:

PCC Katy Bourne (Sussex, and Lead for IT) ◆ CI Grace Blake-Turner (Police Now and MPS) ◆ Dr Laura Knight (IPSCJ) ◆ Charlene-Elise Anderson (Amazon Web Services) ◆ Sean McGee, Simon Ingle, Chris Gardiner (ESRI) ◆ DCC Craig Naylor, DI Jo Reeves, Greg Stevenson (Lincolnshire Police) ◆ Scott Dunn (G4S)



2018 sponsors



2018 supporters



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HACK THE POLICE 3



HACK THE POLICE 2

```
for (Offence reportedOffence : report.offences) {
    for (Victim victim : reportedOffence.victims) {
        notifyVictim(victim, reportedOffence.status);
    }
}

if (intelReport.hasOfficerSafetyFlags())
    generateSafetyWarnings(intelReport)
}

switch (offenceQualification) {
    case Substantive:
        prepareLiveCrimeReport(offence);
    ...
    case ...
        prepareDetailedCrimeReport();
    ...
    case ...
        prepareAccuracyReport();
    ...
    default:
        throw new IllegalStateException("Not qualified");
}

@Deprecated
public enum IC_codes {
    ic_1, ic_2, ic_3, ic_4, ic_5, ic_6, ic_7
}

@Deprecated ("we can do better")

```

