

SMARTWATER®
COMBATING
ORGANISED
PROPERTY CRIME



DETECTING CRIME
IS OUR BUSINESS™

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DETECTING CRIME
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WHY IS SMARTWATER® EFFECTIVE AT COMBATING ORGANISED PROPERTY CRIME?

A PROVEN STRATEGY



DETERRING CRIME IS OUR BUSINESS™



SmartWater® publicise arrests in the local, national and trade press.



Use of high-visibility deterrent signage warns the offender of the presence of SW – creating a powerful deterrent.



Traceability increases the offender's chance of getting caught.



Availability of forensic evidence at the scene prompts a police response – that otherwise may have not happened



SmartWater plan and execute covert operations to catch repeat offenders.



SmartWater products will last on skin for weeks, even with frequent washing - permanent on property and clothing. We only need a trace the size of a speck of dust to identify.

ROBUST FORENSIC LIQUIDS



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- Each SmartWater® forensic liquid contains a unique forensic-code.
- SmartWater forensic liquid is invisible to the naked eye but fluoresces yellow-green under UV light.
- The unique forensic code links criminals and stolen property back to a crime scene.
- Water-based, non-hazardous and fully health & safety compliant.
- Not DNA-based and extremely robust, will withstand fire, humidity and sunlight.
- Trusted by Police and Law Enforcement globally.



Each supply of SmartWater forensic liquid is unique.



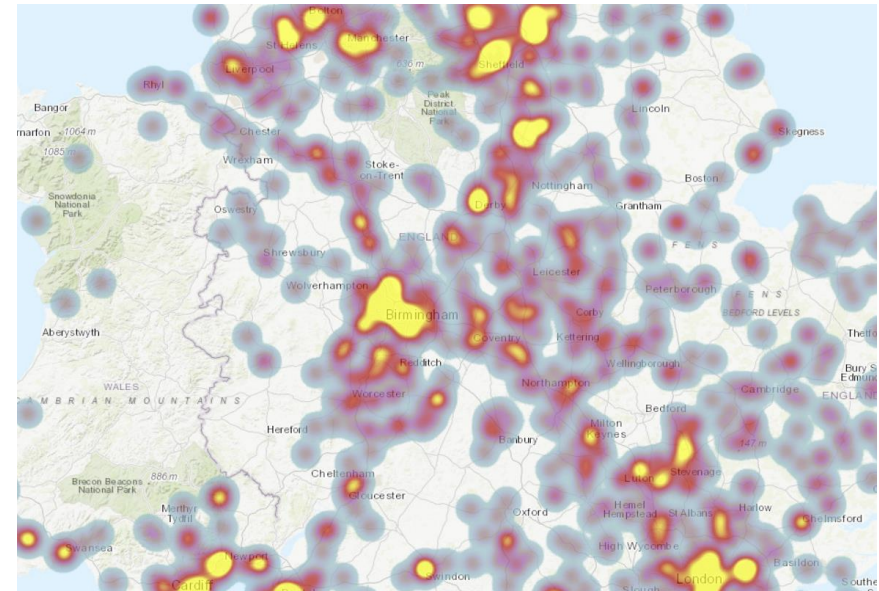
SmartWater holds Grade A classification under BSI PAS820 (the highest grade available) guaranteed to last for 5-years, even when used outdoors

CRIME ANALYSIS AND INTELLIGENCE



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- **SmartWater®** receive crime data from their client base.
- Includes both national and regional clients, many of whom suffer organised and cross-border criminality.
- SmartWater also hold information sharing agreements with several UK police forces.
- SmartWater share intelligence with Opal, a National Intelligence Unit for Serious and Organised Acquisitive Crime.
- Identifies cross border criminality that may otherwise go unnoticed at a force level.
- SmartWater products are then deployed intelligently to halt the gang's activity.
- In some cases, a covert operation is executed to catch the culprits in the act.



POWER OF THE BRAND



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- **98% of SmartWater® forensic spray system clients suffer no further attacks.***
- **Proven in the Courts - the ONLY forensic technology with thousands of criminal convictions and 100% conviction rate in Court.**
- **Powerful crime deterrent – with 74% of criminals saying they would not break into a premises displaying SmartWater signage.****
- **Increased chance of a police response.**



*between 2014 and 2020

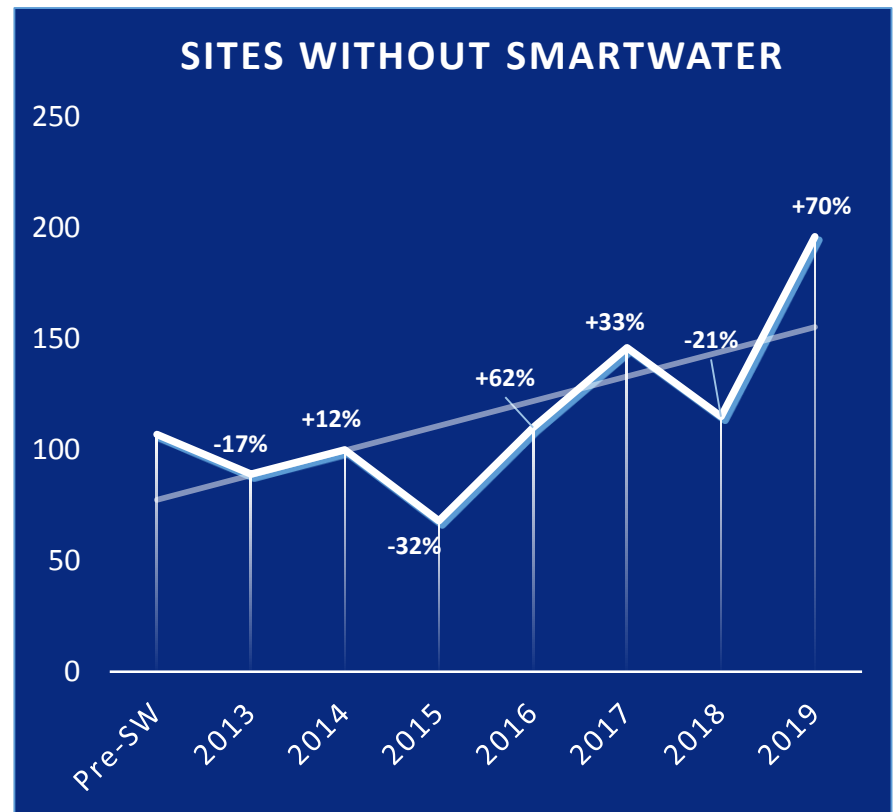
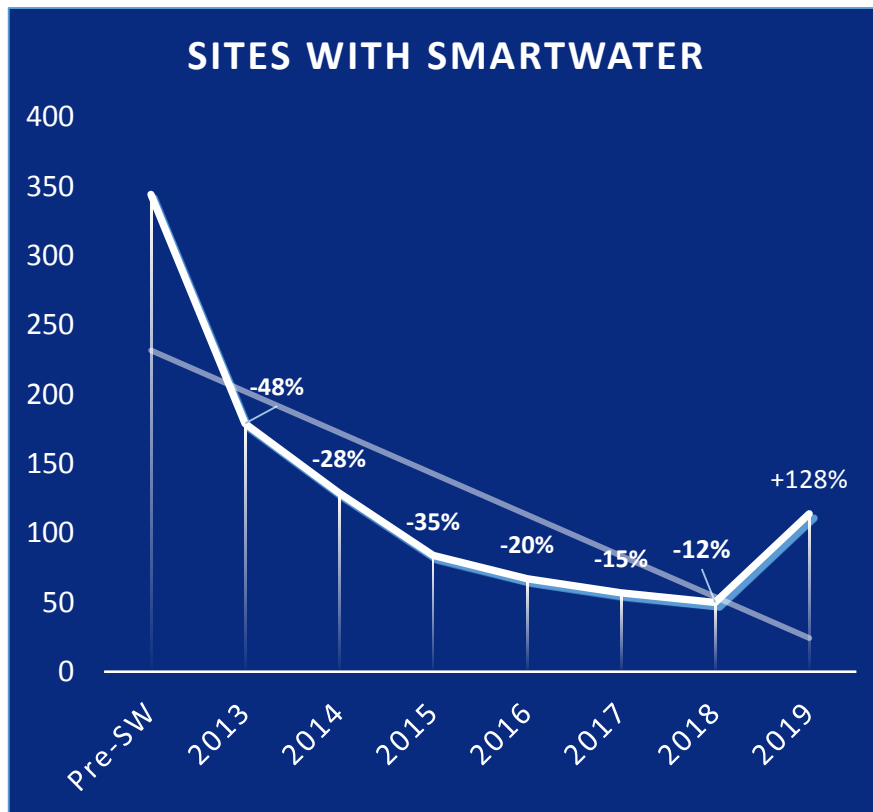
**Perpetuity Research and Consultancy. An Evaluation of SmartWater: Offenders' Perspectives

PROTECTING TELEPHONE MAST INFRASTRUCTURE



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All incidents reported separated by sites protected and not protected by SmartWater® deterrence.

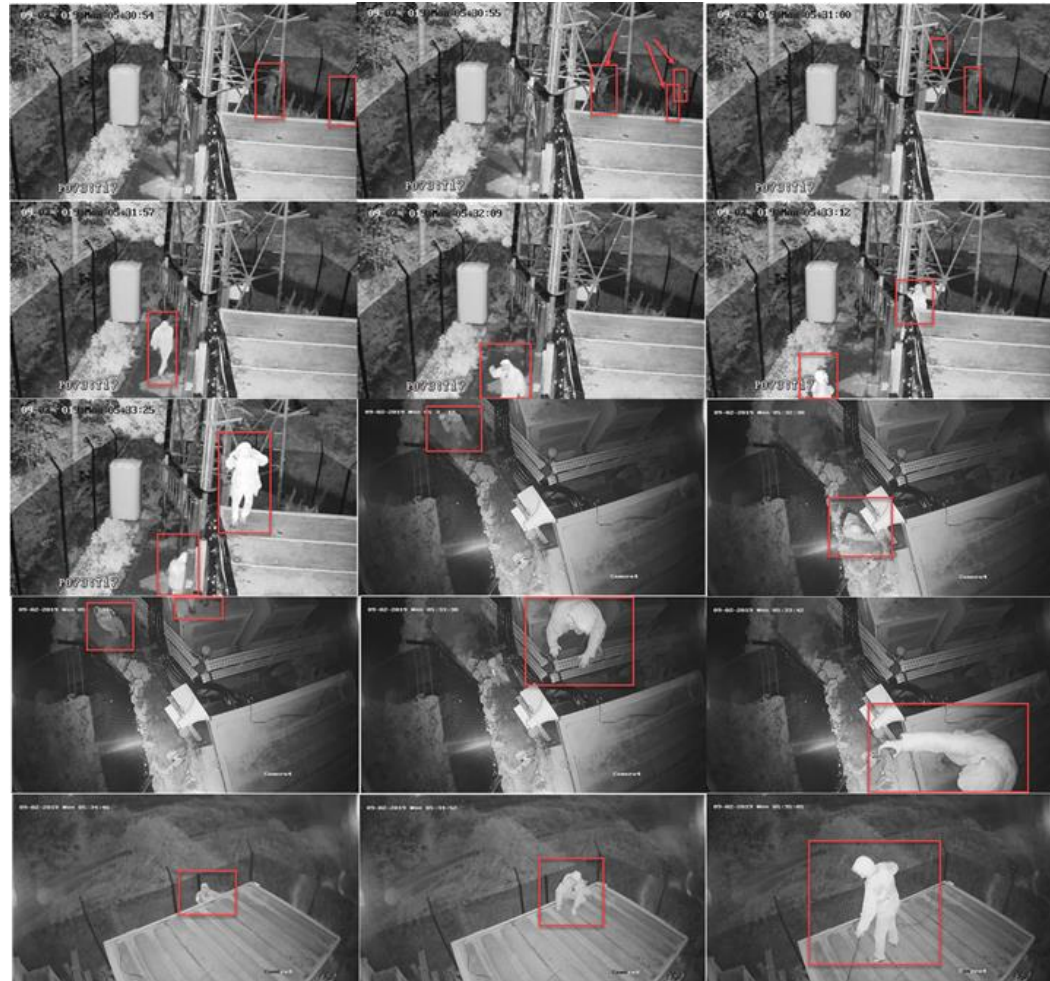


MAST SITE THIEVES HALTED BY SMARTSPRAY™



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- SmartSpray™ system installed at 'repeatedly targeted' mast site.
- Two males entered site at night in attempted theft of on-site equipment.
- Their intrusion was detected on CCTV, and an audible warning was issued by alarm receiving centre.
- The pair refused to leave and as result, the SmartSpray™ system was remotely activated.
- Both men were marked with SmartWater forensic liquid and arrested shortly after.
- Site has since not been targeted.



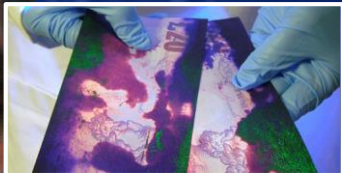
PROTECTING CASH-IN-TRANSIT COURIERS



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SUMMARY

- Over 500 police investigations supported.
- Over 280 convictions to date.
- Over 1,000 years of jail time issued as a result of SmartWater® evidence.



DYE STAINING CASHBOXES



GLUE CASHBOXES



SMARTWATER® EVIDENCE LEADS TO GANG BEING JAILED FOR TOTAL OF 77 YEARS

- Gang carried out 11 raids on cash-in-transit vans across Greater Manchester, stealing over £90k in cash
- Foiled in January 2019, after their getaway car crashed into a bridge.
- Traces of SmartWater Ink found on clothing, shoes and a circular saw.
- The ink contains a forensic code unique to each cashbox, that when forcibly opened, marks the cash inside.
- Analysis at SmartWater's laboratory linked the gang to 4 separate cashboxes.
- All four jailed for a total of 77 years, thanks to SmartWater evidence.



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News Greater Manchester News Crime

'You f***ing muppet!': Robber's foul-mouthed rant as judge jails him for spate of raids across Greater Manchester

Four men had successfully carried out 10 raids on cash-in-transit vans in Manchester, Rochdale, Oldham, Bury and Stockport before they were caught while trying to flee from their 11th robbery

SHARE 1986 SHARES By Andrew Bardsley 17:36, 17 JAN 2020 NEWS

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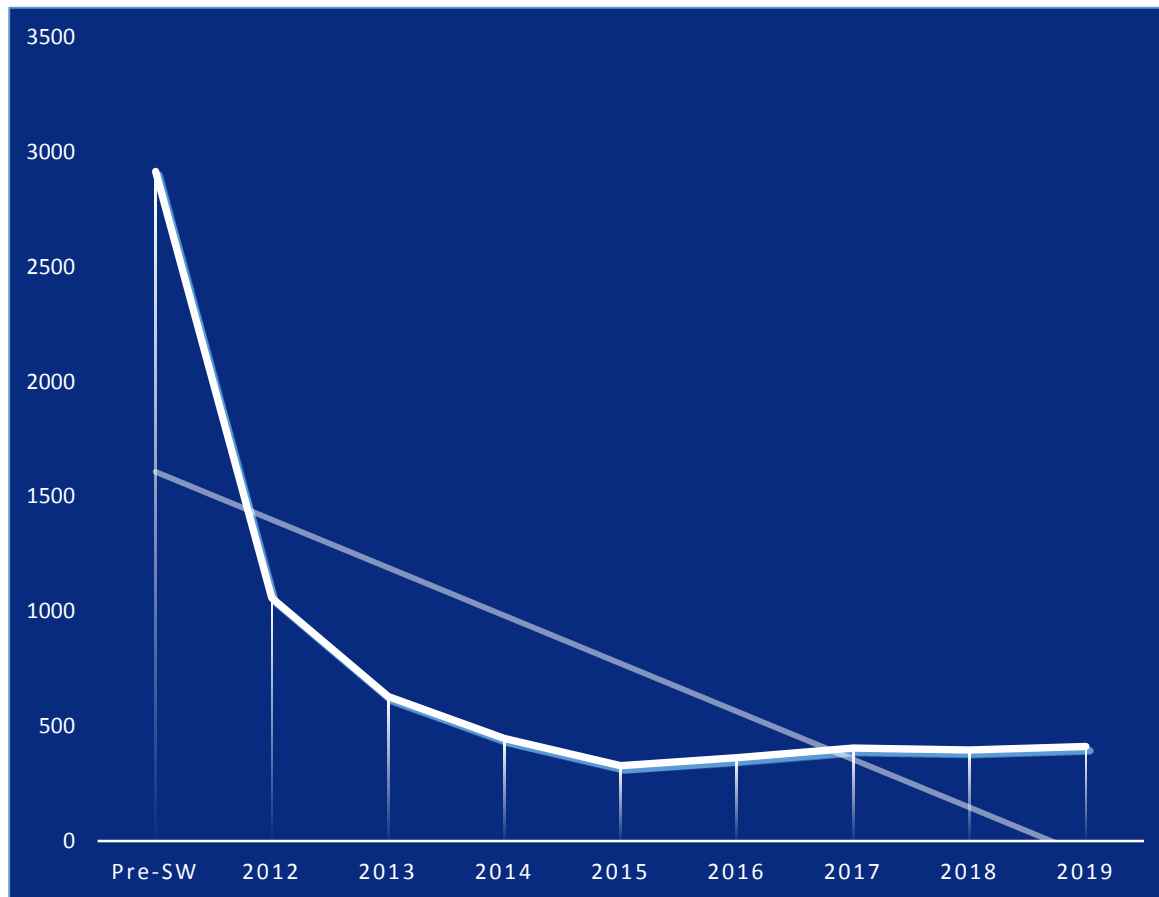
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PROTECTING CHURCHES NATIONWIDE



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Number of metal theft incidents reported



SUMMARY

- **Contract with major church insurer.**
- **Overall decrease of 86% over an 9-year period.**
- **Over 23,000 churches protected.**

CRIME GANG LINKED TO 7 CHURCH LEAD THEFTS BY SMARTWATER®



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- Crime gang targeted churches across the East of England, causing hundreds of thousands of pounds in damages.
- The gang's activity was first uncovered by SmartWater analysts, who carry out regular analytical reporting for SmartWater clients.
- The gang's vehicles were seized by police, and traces of SmartWater found amongst dried mud in the back of a van.
- SmartWater scientists were able to identify 7 different forensic codes within the debris.
- Linked the vehicle to thefts from 7 different churches in Norfolk, Leicestershire and Derbyshire.
- Remus Tudorache, 27, was jailed for over 5 years and Razvan Cracea, 27, for just over 3 years, respectively.

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Romanian thief is jailed for stripping lead from the roofs of rural churches - and may face deportation



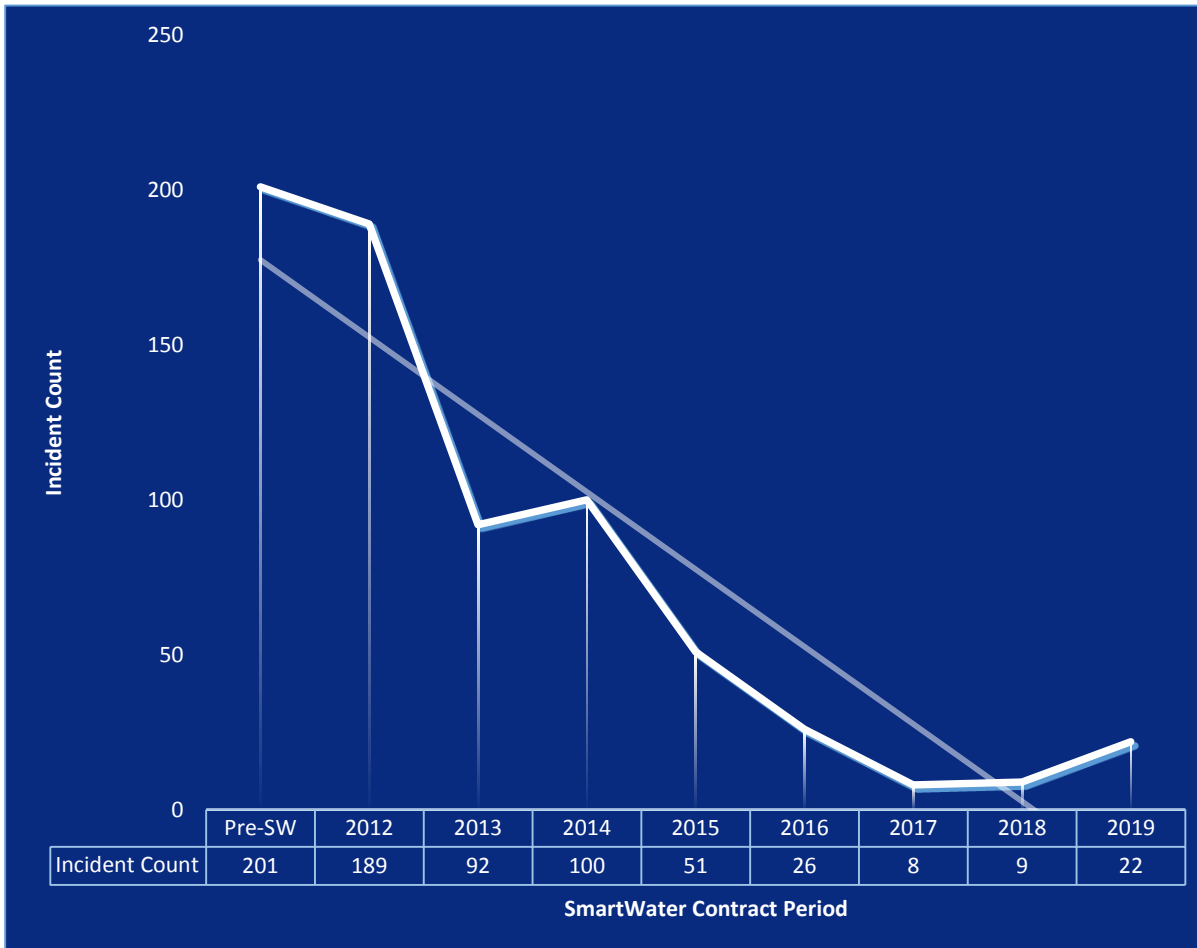
and by Romanian crook Remus Tudorache CREDIT: CORINNE YOUNGS/ARCHANT

PROTECTING NATIONAL RAIL INFRASTRUCTURE



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Incidents of 'live' cable theft



SUMMARY

- Overall decrease of 89% in live cable thefts over a 7-year period.
- This in turn, led to a 79% reduction in delay minutes.
- Over 170 arrests made or positive interventions of cable thieves or trespassers.
- 100+ Covert operations to tackle cable theft, trespass and vandalism.

SMARTWATER® LEADS TO JAILING OF RAILWAY CABLE THEFT GANG



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- Eastern European gang stole more than £300,000 worth of cable from the railway network across West Yorkshire.
- British Transport Police (BTP) covert operation planned and executed with the assistance of SmartWater investigators.
- BTP officers arrested the gang, two of which had SmartWater on their clothing and tools, which had been applied to nearby railway cable.
- Four men jailed for total of 7 years.
- Application also submitted for all four men to be deported.

Wakefield Express

News Traffic and Travel Crime Weather Politics Business Education Health People More

Gang jailed after £300,000 cable theft spree on railways

Trending

- 1 Police close road after body found in Wakefield
- 2 Death on the lines leads to train cancellations in Wakefield this...
- 3 'It's dark and Mummy has gone': Police found four children...
- 4 More old pictures showing Wakefield schools through the...
- 5 In pictures: Storm Ciara brings floods and destruction to...

t.co.uk...

NUNEATON RAIL GANG JAILED



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GANG JAILED AFTER SUPERMARKET SMARTSPRAY™ ACTIVATION



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- Gang raided banks and supermarkets across the Thames Valley region out-of-hours.
- Breakthrough came when Thames Valley Police found traces of SmartWater in a vehicle used by the trio during one of their burglaries.
- Analysis by SmartWater® scientists placed them at the scene of a robbery at a branch of Waitrose.
- Trio were jailed for a total of over 11 years, after admitting their guilt when confronted with SmartWater evidence.

Thames Valley Crime Gang Jailed



An organised crime gang who raided pubs and supermarkets across the Thames Valley region have been jailed thanks, in part, to SmartWater evidence.

The trio targeted cigarette kiosks and fruit machines during a crime spree in Maidenhead, Windsor, High Wycombe, Bracknell and Marlow between October 2016 and April 2017.

They broke into supermarkets, a building society and numerous pubs while in possession of crowbars and tools and stole large quantities of cigarettes, electronic games and cash.

The stock, cash and damage done to the properties is estimated to be worth just over £15,800.




A breakthrough in the investigation came when Crime Scene Investigators from Thames Valley Police found traces of SmartWater in a vehicle used by the trio during one of their burglaries. Subsequent analysis by SmartWater scientists placed them at the scene of a robbery at a branch of Waitrose in Marlow.

METTRACE: PROTECTING LONDON'S HOMES



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440,000 London homes protected

-  25% reduction in burglary*
-  5,000 Less burglary victims from the start of the project
-  £30m Cumulative savings for Local and National Government

NEW
SCOTLAND
YARD

ATM CRIME GANGS FOILED BY SMARTWATER®



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SmartWater's analysed data shared by Cardtronics to identify a **crime hotspot area** for a trial of technology.

Specially-adapted systems were installed at 100s of Co-op ATMs across South-West England.

90% reduction in ATM attacks in the trial area, led to a national Rollout to protect 2,500 ATMs.



ACCREDITED TECHNOLOGY



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The world's most widely recognized Quality Management System (QMS).



A standard specifying a framework of policies and procedures that include all legal, physical and technical controls involved in an organization's information risk management processes.



A quality standard for testing and calibration laboratories, as required by the American Society of Crime Lab Directors.



A specification for testing robustness. SmartWater's products are guaranteed to last five years in all weather environments.

SmartWater is the **ONLY** supplier of forensic marking technology **GUARANTEED** to be compliant with the courts.

SmartWater is compliant with the Home Office Forensic Science Regulator's Codes of Practice.

If your property or an individual is marked using technology provided by a supplier that fails to meet this standard and is then called upon as evidence, the law mandates that this **MUST** be disclosed to the Courts. The Courts may then decide to rule that evidence as inadmissible.

ANY QUESTIONS?



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