

# **Plant & Agricultural National Intelligence Unit**

4th Year Annual Report and Comparison 16th Quarterly Report (July - September 2012)

























Plant & Agricultural National Intelligence Unit



This edition celebrates a number of important news items which highlight that police activity against the organised criminal networks continues to grow year on year since the establishment of PANIU in October 2008.

The purpose of the report is to highlight the current issues relating to plant theft, the emerging criminal trends, and the work of Police Partnerships throughout the UK in combatting machinery and equipment theft. Together with the farming and construction industries plant theft can be beaten!!

This report documents the latest crime data available relating to thefts of plant and agricultural machinery throughout the UK and as such uses data obtained during the period 1st July 2012 to September 30th 2012 and the national trends reported to the Plant and Agricultural National Intelligence Unit (PANIU) during the same period. The report also compares theft data compiled by PANIU over the last four years and highlights subsequent trends accordingly.

PANIU is a specialist police unit that is totally funded by the major Construction and Agricultural Insurance industries and from funding directly from sales of the Construction and Agricultural Equipment Security and Registration Scheme (CESAR).

The primary aim of the unit is to reduce plant and agricultural theft across the United Kingdom. It does this in two ways, firstly by assisting the Roads Policing Officer and Patrol officer on the street enabling them to identify stolen equipment and tackle the organised criminal networks responsible for targeting thefts of such plant equipment.

Secondly, by providing the industry with direct access to a team of specialist Police officers who are committed to reducing plant theft and who understand the complexities of the respective industries. PANIU assist Police throughout the Country by providing advice and intelligence relating to theft of plant machinery. They maintain the most accurate theft database known and receive daily data not only from the PNC but also from the majority of the major insurers in the current market.

All data is carefully checked for accuracy and cleansed. The PANIU database is the only one in the world that is considered so accurate that it is circulated by both SOCA and Interpol and is approved by the Home Office, ACPO and the National Police Improvement Agency (NPIA).

PANIU data is held for detection and prevention of crime purposes only and does not operate on a commercial reward basis.

The current PANIU stolen equipment database commenced in October 2008 and now comprises over 21,350 items of equipment. This data is circulated to 187 countries worldwide using the Interpol ASF

In a joint partnership with the Insurance companies and the official Home Office backed Construction and Agricultural Equipment Security and Registration Scheme, (www.cesarscheme.org) all PANIU data can be accessed out of normal office hours on 08450 700440.

This allows a police officer to check any suspicious equipment 24 hours a day through Datatag, the official data partner.



#### **PANIU HEADLINES**

# 3 Star Manufacturers protect their customers and smash plant crime!

The latest figures from PANIU have highlighted that it is JCB, Caterpillar and John Deere customers who have reaped the rewards of buying machines fitted with standard fit increased

Using JCB as an example, the manufacturer has shown huge 50% reductions in the number of its machines being stolen, to obtain the lowest levels of theft since PANIU started recording theft data in 2008.

Working closely with PANIU and Thatcham, the Insurance industry research centre, JCB, Caterpillar and John Deere were the first companies to adopt the new Home Office approved Thatcham 5 Star plant security criteria.

This criteria lists strict security standards relating to CESAR, immobilisers, unique key and tracking / asset management fitments. In 2010, JCB were the first manufacturer in the world to meet these new security standards with the launch of the 8018 mini excavator closely followed by tracked and wheeled excavator ranges.

Since that date product engineers at JCB have been designing a continuous roll out of products fitted with Thatcham 5 star security and their innovative 'Livelink' asset management and tracking system, across the backhoe loader, loadall telehandler, and JS excavator ranges.

To date over 12,800 JCB products have been fitted with Thatcham star security. Of those, PANIU have subsequently recorded only 2 such machines as stolen on their database. This relates to 0.015% of total product made that has been stolen, an incredibly low figure.

DC Ian Elliott from PANIU said 'We have researched both of these thefts to determine how the thieves managed to steal them, the first, was a JCB 8018 mini excavator which it transpired had been stolen using a crane to lift the machine from the site.

The second, relates to the theft of a telehandler that was stolen from a building site over a weekend. From telemetry it can be determined that thieves took an incredible six hours to rewire the machine to enable it to drive away. This is an outstanding achievement and I must congratulate JCB for protecting their customers this way.

Notwithstanding these figures JCB have taken the unprecedented decision to further increase security measures across their machinery ranges.

Yvette Henshall Bell, JCB UK sales director commented'We understand the impact that the loss of a machine has for our customers. Therefore we are determined to do what we can to protect them from theft. Working together with the Police, the lessons learnt from these thefts have been used to redesign the machines to make it even harder to steal in the future'.

John Deere were the next company to design their machines with the 5 Star systems. They have now produced over 2800 tractors fitted with CESAR, immobisation and unique keys. This ranges from the 6115M model to the huge 8360R machines.

With relation to these 2800 machines fitted with Thatcham systems PANIU are yet not aware of any of these being reported

Gordon Day, UK Marketing Manager for John Deere stated' At John Deere we know that the farmer relies on our equipment daily. As such we need to protect it from being stolen by organised criminals. Therefore we have invested significant technology in our products to combat them and assist our

Caterpillar followed suit with 3 Star Security fitted to its CAT319 to CAT345 excavators and is rapidly expanding this range with over 500 protected vehicles sold so far.

Finning Product Manager, Mike Sproston explained: "The Cat Machine Security System represents an initiative Finning wholeheartedly supports; to protect your investment in your machine, as well as giving you control over who can start and operate your equipment.

With more and more protected equipment now being offered for sale, and less being stolen, the insurance industry are starting to significantly reduce premiums for protected machines. This is a considerable benefit for the whole industry. Consider buying three star protected machines to reduce your overheads for the future and be reassured that your machine will still be there and ready for work in the morning!





























Plant & Agricultural National Intelligence Unit

# **CESAR reaches 100,000 fitment milestone**

The 100,000th machine to be fitted with CESAR security and registration rolled off the JCB Loadall production line at Rocester, Staffordshire on the 17th October 2012. The JCB 541-70 Loadall was fitted with an appropriate CESAR triangular tamper evident registration plate with the distinctive alpha-numeric registration mark 100000.

JCB was one of the early adopters of the scheme, fitting CESAR to its UK construction machines from October 2007 and to agricultural machines from January 2010.

Commander Steve Rodhouse, Specialist Crime and Operations Directorate New Scotland Yard commented, "The success of the CESAR scheme is testimony to how industry, working in partnership with the police, can have a dramatic effect on reducing crime. The Metropolitan Police Service is very proud to be engaged with this project, which has had a significant impact in combating those organised criminal networks targeting this industry. I congratulate JCB for being at the forefront supporting this initiative.."

Rob Oliver, Chief Executive of The Construction Equipment Association said "CESAR has achieved what it was designed to do. Without question CESAR has reduced the rate of equipment theft and it gives the construction and agricultural industries, the police and other security agencies the upper hand in fighting organised and opportunistic criminals that target all types, all sizes and all brands of equipment. I would like to thank all the manufacturers that have adopted the scheme, the many public bodies and the police that support and promote CESAR,

Yvette Henshall-Bell, UK & Ireland Sales Director, JCB Sales Limited and 1st Vice President of the CEA Council said: "CESAR is an important part of JCB's armoury in the fight to protect customers' products from theft. Its introduction is already paying dividends and has, without doubt, reduced the amount of equipment being stolen. With CESAR and the fitting of JCB LiveLink and immobilisers, we really are turning up the heat on thieves and today more than 80 per cent of JCB's products are equipped with some form of anti-theft device."







100,000 th CESAR runs off the production line, pictured is DC Ian Elliott from PANIU, Mr Nick Ground President of the CEA, Supt Dave Holdway from Staffordshire Police, Yvette Henshall Bell JCB UK Sales Director, Commander Steve Rodhouse of the Serious Crime Directorate New Scotland Yard and Mr Kevin Howells Managing Director Datatag ID Ltd

## **Banged Up!** - Joint Police Operation results in Custodial Sentences!

An outstanding police operation conducted in North West England between Cheshire and Lancashire Police has resulted in a number of major plant criminals being jailed.

Operation Gradual was a proactive operation started by PC Mike Dawber and his colleagues in the Cheshire area after a high profile spate of thefts from the rural community along the M56 corridor adjacent to Manchester Airport. In an effort to curb the thefts PC Dawber approached the Plant And Agricultural National Intelligence Unit in London for the loan and use of one of their sting 'decoy' plant machines.

A "decoy" piece of equipment was deployed and within days the machine was stolen. This culminated in the arrests of nine members of a criminal network from the Wythenshawe area of Manchester who had stolen £2 million worth of Plant and Agricultural machinery.

A number of persons have pleaded guilty to the charges. These include:



#### **MARK ADRIAN ANSTEE**

Anstee pleaded quilty to 8 Charges of theft, 1 attempted theft, 1 Criminal Damage and 61 other offences were taken into consideration. Proceeds of his offending were estimated at over £1.1 million. A Proceeds of Crime Act order was made that Anstee repay. He was sentenced to 4 years 4 months at Minshull Street Crown Court.



#### MICHAEL FRANCIS OWENS

On the same date Michael Owens appeared at court charged with 7 Charges of theft and 1 attempt theft. The proceeds of his offending are £82,000 and a POCA has been granted. He was sentenced to 3 years at Minshull Street Crown Court.



#### **GIORGIO ARCAINA**

Arcaina the third member, pleaded guilty to 4 charges of theft of plant and agricultural machinery and asked for 14 others to be considered. Arcaina not only stole machines from sites but also stole equipment from hire companies before selling the machinery through internet auction sites. He was sentenced to 3 years 2 months at Minshull Street Crown Court.



#### FREDERICK COTTAM

A fourth member of the gang Fred Cottram was charged with two charges of conspiring to handle stolen goods and theft of a motor vehicle.

Some of the charges related to property found when DC Mark Anson of Lancashire Police recovered over £250,000 worth of stolen agricultural vehicles and machinery on farm land in Accrington.

Three tractors, a JCB digger, a JCB loader, a salt spreader, an Ifor Williams trailer and a horse box, had been stolen by ANSTEE, OWENS, and ARCAINA.

He was sentenced to 18 months at Preston Crown Court.

Detective Sergeant Simon Ingham, of Lancashire Constabulary's Organised Vehicle Crime Team, said "The judge's sentence reflected Cottam's age and health, but he made it very clear that the courts take a dim view of criminals who target our country's farmers in order to steal from them - this not only has a financial impact but can ultimately have a serious effect on

The case was fairly unique as the Crown Prosecution Service stated that there were no guidelines for sentencing a case of this magnitude.

On 31/07/2012, His Honour, Judge Lowcock during his sentencing of ANSTEE and OWENS at Minshull Street Crown Court, Manchester accurately described the criminality as "a large scale commercial enterprise, carefully planned which was ANSTEE'S full-time occupation, having had a high level of expertise in disabling tracker devices on heavy plant equipment and bypassing

A further five defendants who were part of ANSTEE and OWENS highly organised operation have also been charged with numerous Plant and Agricultural machinery and vehicle thefts, they will be appearing at Minshull Street Crown Court, Manchester on 02/11/2012.



















# **PANIU Machinery Guide**

This machinery guide is available for download as a PDF document which can then be viewed on a smart phone (iPhone, Android, Blackberry), iPad, laptop or PC. Scan the QR code across or access www.datatag.co and complete the online form. Please make sure all the fields are completed as we are unable to complete your registration otherwise.

It is only available exclusively to all police officers, law enforcement agencies and port authorities to help easily locate the correct VIN/identification numbers on the UK's 15 most stolen machines.

You can contact PANIU during office hours by ringing 0207 230 7290 or email: paniu@met.police.uk

PANIU stolen equipment database can be accessed by Police by ringing CESAR on 08 450 700 440 24 hours a day!



# **PSNI training in Northern Ireland reaps rewards**

In September 2012 officers and police staff from the Police Service of Northern Ireland and from the An Garda Siochana joined representatives from the Department of Regional Development, the Department for the Environment, the National Farmers Union together with delegates from the Plant and Agricultural industries on a specialist plant security seminar.

Held over three days, one hundred and twenty delegates attended the Euro Auctions site in Dromore, County Fermanagh and recieved both classroom and practical training from industry specialists in a Partnership approach to reduce machinery crime in Northern Ireland and the Republic of Ireland.

Detective Chief Inspector Derek Scott and Detective Inspector Brian Foster from F District instigated the event in an effort to reduce crime and target criminal networks engaged trafficking stolen machinery across the border of the two countries.

Up until recently thieves have exploited the border area in order to move stolen plant machinery easily. This initiative was designed to highlight the weaknesses and to create awareness of machinery moving between the two countries.

DCI Scott said'This year we have reduced machinery theft in Fermanagh by over 40% and are committed to stop the criminals targeting farms in our area. We will tackle these criminals robustly and working together with our colleagues in the Republic stop this type of crime'.



PSNI Specialist Plant Training with DC Ian Elliott from PANIU, Mr Tommy Flaherty from BAM Construction, DS Barry Hutching from PSNI, Mr Barry Mudie from PANIU, DI Brian Foster PSNI and



Delegates from a number of Agencies receive specialist training.

#### Plant Fraudster Arthur Down Sentenced!

On the 28th May 2012 at the Amersham Law Courts in Buckinghamshire, a Mr Arthur Down pleaded guilty to a number of charges relating to the production of false Vehicle identification plates used for changing the identities of plant machines.

He was sentenced to three months in custody suspended for two years and was ordered to wear a tag and comply with a curfew for three months. He was also fined £5000 and ordered to pay £2500 Court costs.



The charges related to Trade Mark offences relating to 900 images bearing copyright logos found on his computer and approximately 100 articles made by him which were bearing copyrighted logos.

He also had possession of a hand made metal JCB stamp which could have been used to create false VIN plates.

Downs was arrested Stantonbury, Milton Keynes by PANIU officers working in association with Thames Valley Police. The charges relate to a search warrant conducted at Down's home address whereby officers were investigating allegations that Downs was creating false VIN plates for others to change identities of stolen machines.



Fake JCB Metal stamp seized from Arthur Down

Of concern was the special JCB stamp recovered by officers. DC Zain Sibilant of PANIU commented 'With the equipment Downs had in his possession he could easily change the identities of stolen machines and create fake identity plates to make the machine appear genuine.

DS Richard Bull from PANIU said 'We are determined to reduce plant crime. PANIU will continue to target known offenders and persons suspected of plant theft until they realise that we mean business!

## Gloucestershire Police Quad initiative continues successes!

Following on from the' CESAR it or sleep with it' initiative earlier this year where Gloucestershire Police working with the local National Farmers Union joined forces to combat Quad bike theft, comes Operation Ape.

This initiative aims at both detecting and preventing thefts and has reduced quad theft by massive 62% and made a significant impact on reducing the number of bikes stolen in the county.

Between September 2010 and August 2011, Gloucestershire Police recorded 85 thefts of quad bikes. Following the force and Community efforts with Operation APE, between September last year and end of August 2012, this figure has reduced to 32 crimes and more than 20 people have been arrested in connection to quad bike thefts.

Speaking about Operation Ape and the decrease that has been seen in thefts, PC Tim Griffiths, said: "Whilst we have thankfully seen a reduction in the number of thefts in Gloucestershire and the results of our operation have been positive so far, it remains an issue that the Constabulary are taking very seriously. "We've also taken it as an opportunity to work closely with the rural community and address their concerns about such crimes.















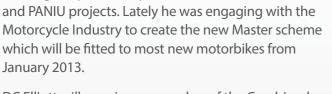












creating the partnerships which started both the CESAR

**PANIU** and **CESAR** Stalwart retires

The 14th December 2012 sees the retirement of DC lan

Elliott from PANIU after 30 years of Police service with

December 1982 and spent most of his career with the

the Metropolitan Police. DC Elliott joined the Met in

As Industry Liaison Officer, Ian, was responsible for

from Police

Stolen Vehicle Unit.

DC Elliott will remain as a member of the Combined Industry Theft Solutions Board (CITS) in his new role. From January 3rd 2013 Ian becomes the UK Security Manager for the Utility company Clancy Docwra.

He will be succeded by Mr Barry Mudie, PANIU's new Liaison Manager.



DC Ian Elliott hands over the reins to Mr Barry Mudie, PANIU's new



Mr Mike Revell, Director of Clancy Plant Hire, together with Lord Henley, Crime Prevention Minister, Mr Kevin Clancy of Clancy Docwra and DC Ian Elliott of PANIU.

# **Thames Valley Police- More CESAR successes!**

Congratulations again to Thames Valley Police who continue their successes in driving down theft from their rural communities.

Inspector Emma Garside reports that her Rural response officers made another three arrests in the Whaddon area of Buckinghamshire after seeing a JCB in suspicious circumstances. The sharp eyed officers witnessed the machine being loaded onto a lorry and stopped the persons and questioned them. Two other males ran from the scene and made good their escape.

A check on the number plates displayed on the vehicle, stated it was not stolen and was registered to an address in Kettering Northants. Still suspicious, the officers noted that the machine was fitted with CESAR markings. A quick check using the CESAR 24 hour helpline revealed that the number plates were false and that the machine actually belonged to a building company from Essex who had been using it at a site in Newton Leys, Bletchley and it had been stolen earlier that day.

Sergeant Jared Levens from Aylesbury Vale area of Thames Valley Police said 'It being 5pm on a Sunday afternoon I certainly wasn't expecting to be able to get a response and was amazed when the phone was answered instantly with the CESAR helpline operator identifying the machine straight away. I was very impressed at how helpful CESAR was and it helped us identify the machine despite the efforts the thieves had made to disguise its identity'.

The machine has been reunited with its rightful owner and the persons are helping police with their enquiries!!

# 100,001st CESAR fitment one of the Largest Machines ever protected

A giant John Deere S680 combine harvester became the 100,001st machine fitted with CESAR protection recently.

The machine belonging to DN Catchpole and Son Farms Ltd in Norfolk is one of the largest ever machines protected with the Home Office and ACPO approved marking scheme. The combine valued at £250,000 followed on from the fitment of the 100,000 machine which rolled off the JCB production line recently (see separate story).

The owner, Mrs Carol Catchpole said 'the fitment of CESAR to all of our machines is a decision which is easily reached. Not only is it reassuring protecting our farm machines against theft, but it is also a sensible commercial decision. Our insurer, NFU Mutual offer a 12.5% discount reduction on the policy for CESAR fitment. With the combine this almost pays for the system to be fitted in the first year alone, and subsequently returns us substantial savings over the following years of ownership.



Owner Mrs Carol Catchpole, is presented with a bottle of Champagne by DC Ian Elliott of PANIU for becoming the 100,001s CESAR protected machine owner.



John Deere S680i belonging to DN Catchpole and Son Ltd becomes the 100,001st CESAR fitment.

# Supported by Home Office

**CPA** 

# **JCB assist Police with the London 2012 Olympic Games**

The Metropolitan Police are very grateful for the assistance of JCB with the planning of the London 2012 Olympic Games. Senior officers had to consider every possibility including civil unrest and the potential for a terrorist incident.

As such the need for a protected vehicle to be able to deal with any incident thrown at it needed to be considered and JCB stepped up with the offer of one of its protected Military Hemee's for use throughout the duration of the Games.

Thankfully the Games were a brilliant success and passed off peacefully and the need for the machine was not required. The fast response vehicle normally seeing action in Afghanistan and Iraq protecting both the UK and US Military was stationed in London ready to deal with any emergency and has now been returned to JCB.



The Military spec JCB can travel at speeds of 60mph and deal with any incident!



DI Paul Fuller from New Scotland Yard tests a military Hemee for size!

ARE YOU AWARE that you can check all PANIU data 24/7 via the CESAR database on 08 450 700 440

#### Four Year Crime Data-The CESAR/Thatcham Effect

On October 1st 2008 PANIU started operations and began recording plant crime across the nation. This was the first time that this type of data was recorded with any degree of accuracy.

PANIU now extract data daily from the Police National Computer and receive theft claim data from the eight major engineering insurers who fund the unit. This enables the most accurate capture of data known and allows PANIU to be able to highlight crime hotspots and plant theft types as and when they happen.

Each quarter these figures are disseminated to the industry and to Police forces so actions can take place where necessary. The tables on the next pages show these trends recorded in their quarters over the last four years.

When studied the figures show that the UK has considerably reduced reported instances of theft from the industry over the same period.

Over 21,350 stolen items are now recorded on the PANIU database but it is when the figures are compared that certain trends are noticeable.

The worst year for reported crime was 2009/10 when 4549 crimes were recorded. For the year 2010/11 4049 crimes were reported and for the last year 2011/12 only 2802 crimes were recorded. Thus thefts have reduced by 10% between 2010 and 2011 and a further 30% decrease in reported plant crime in the last year.

These figures are contrary to what one would expect in times of economic recession when ordinarily crime is seen to increase. The reason for the decrease is believed to be effect that both CESAR and the Thatcham anti theft initiatives are having upon the industry.

This can be demonstrated by comparing data from certain manufacturers who have started to fit security to machines and those who have not. Noticeable differences start to appear.

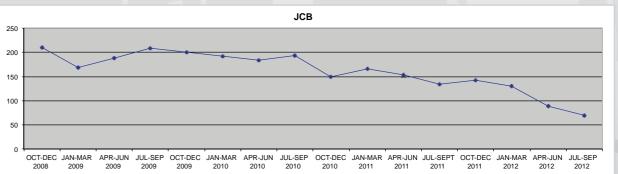
The most distinctive traits become obvious when looking at a manufacturer such as JCB. In early 2008 JCB started standard fitting CESAR across its construction range, and then in July 2010 started to adopt the Thatcham 3 star security initiative by fitting CESAR, unique keys and immobilisers across its ranges.

When you compare the JCB theft data graph it highlights a reduction in theft commensurate with the initiatives being implemented and these figures continue to fall. These are sustained reductions despite that the theft graphs represent all thefts of JCB's including those of an age not to be fitted with security.

When JCB overall thefts are compared the significant reductions can clearly be seen. In 2008/9 774 JCB's were stolen. In 2011/12 only 431 JCB's were stolen resulting in an overall 44% reduction in theft.

This figure becomes far greater when comparing the last quarter of 2008/9 when 208 machines were stolen to the same period for the last quarter of 2012 when only 70 JCB's were stolen. This relates to a huge 66% reduction.

With JCB continuing to roll out security fitment across its entire range it is anticipated that JCB thefts will continue to reduce substantially. With its new revised Livelink telemetry system fitted as standard on most machines incorporating both the immobiliser and ignition circuits should make a formidable weapon against theft.





















20

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**CATERPILLAR** 60 50 40 30

APR-JUN JUL-SEP OCT-DEC JAN-MAR APR-JUN JUL-SEP OCT-DEC JAN-MAR APR-JUN JUL-SEP OCT-DEC JAN-MAR APR-JUN

When you compare the theft rates of Caterpillar machines it can be seen that these are also starting to

and in March 2011 started to roll out Thatcham 3 Star fitment across its range by fitting the Caterpillar

of Caterpillars from this date there have been significant and consistent falls in the rates of thefts since,

significantly decline. Caterpillar decided to protect customers by fitting CESAR as standard from April 2010

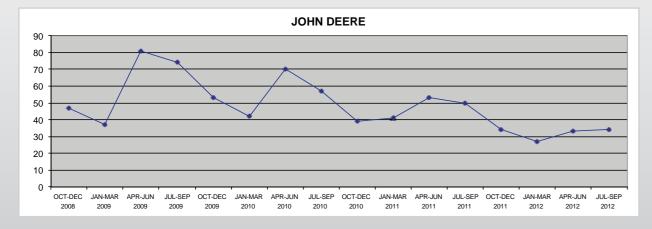
Machine Security System (MSS), an integrated ignition immobiliser system. When comparing the theft data

leading to the current position of its lowest ever recorded theft figures.

This also applies to agricultural machinery manufacturers in the farming sector who have also seen significant reductions in the numbers of machines stolen who fit standard security systems.

When comparing theft data for John Deere tractors, whom previously always had the highest theft rates in the tractor world, a downward trend is noticeable since the advent of security fitment.

Theft rates of tractors are traditionally seasonal with more tractors being stolen during the summer months for the obvious reason more of them are around being used during the summer season rather than locked away in barns. In the summer of 2010 John Deere made the commercial decision to standard fit CESAR markings and begin the roll out of integrated immobiliser systems. Thus the theft figure spikes from the last few years are diminishing and showing noticeably less thefts.

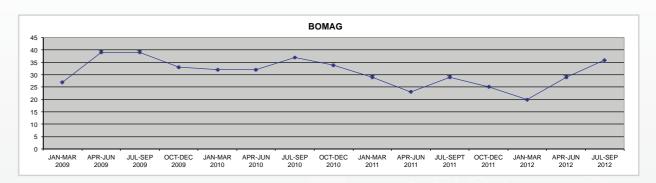


Whether the general downward trait will continue remains to be seen as we have seen significant reduction in thefts. Will the criminal now move to another avenue of crime where there is an easier way to make money or will he start only targeting machines whose manufacturers do not bother to protect their owners against theft.

The market forces will hopefully change this with prudent purchasers and more importantly their insurers only using secured equipment.

What is hoped that manufacturers do not reduce security once the reduction is achieved. Because of the double dip recession companies are looking for ways to reduce costs and overheads and invariably the first economy to be made is security fitment. We have been made aware of a number of manufacturers looking to remove costly security believing the problem had been cured and therefore no longer needed.

The graph below highlights what may happen in those circumstances. This relates to theft of Bomag products who specialise in the popular tandem rollers. In 2008 Bomag took the decision to fit CESAR to its range. Reductions were noticed in thefts. However in 2011, a commercial decision was made and CESAR was no longer fitted as standard fitment to their products.



In 2012 Bornag products have continued to rise in numbers being stolen and is the only manufacturer to show continued increases in theft rates and they now occupy the joint second position in the manufacturers top ten stolen machines,, the highest position they have been since PANIU started collecting data in 2008. A false economy perhaps?

Fitment of security products is not the sole responsibility of the manufacturers. It is also the responsibility of the owner of a particular piece of equipment. Owners need to determine the consequential losses which would occur to their business if a specific machine went missing.

Thus the aftermarket fitment of security products should remain high on the list for owners to protect their machines. PANIU are receiving many stories from around the country where thieves have attempted to steal machines only to have those attempts thwarted by immobilisers and tracking systems. Farmers and Mercantile Insurance reported recently the story of one of their customers who had fitted immobilisers across his range of John Deeres. Substantial efforts by the criminals to prepare entry and escape routes for the three intended machines had been undertaken. Despite this the thieves had not prepared that they were going to have to deal with robust security systems expecting that their one key would fit all the machines. They left empty handed. The next week, however, the neighbouring farm was attacked and his non secured tractor removed never to be seen again...

Not only are the advantages of securing machinery to reduce the risk of loss to that business but more and more insurers are offering significant financial rewards for protected machines. By reducing the insurers risk, he can reflect this with lower premiums. This is demonstrated by one of the headline stories whereby the owner of a John Deere combine who undertook CESAR fitment to their new machine was returned the full cost of the fitment within the first year of premium and will continue to receive those reduced premiums for the following years of ownership.

More importantly that machine will become a significantly less attractive target to thieves.



### **MANUFACTURER**

OCT-DEC 200		JAN-MAR 200	-	APR-JUN 200		JUL-SEP 2009		OCT-DEC 200	-	JAN-MAR 201	-	APR-JUN 201	-	JUL-SEP 201	-
MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT
JCB	210	JCB	168	JCB	188	JCB	208	JCB	200	JCB	192	JCB	184	JCB	193
TAKEUCHI	65	TAKEUCHI	50	JOHN DEERE	81	JOHN DEERE	74	JOHN DEERE	53	KUBOTA	52	JOHN DEERE	70	JOHN DEERE	57
KUBOTA	62	BENFORD (TEREX)	49	TAKEUCHI	65	KUBOTA	59	KUBOTA	53	JOHN DEERE	42	KUBOTA	55	KUBOTA	51
JOHN DEERE	47	KUBOTA	48	KUBOTA	62	TAKEUCHI	57	TAKEUCHI	48	MASSEY FERGUSON	40	TAKEUCHI	48	TAKEUCHI	49
VOLVO	40	JOHN DEERE	37	BENFORD (TEREX)	40	BOMAG	39	CATERPILLAR	46	CATERPILLAR	35	MASSEY FERGUSON	41	BOMAG	37
MASSEY FERGUSON	30	CATERPILLAR	30	BOMAG	39	BENFORD (TEREX)	39	BENFORD (TEREX)	35	BOMAG	32	CATERPILLAR	39	MASSEY FERGUSON	l 33
BENFORD (TEREX)	28	THWAITES	30	CATERPILLAR	31	NEW HOLLAND	38	BOMAG	33	TAKEUCHI	31	NEW HOLLAND	33	VOLVO	33
MANITOU	27	VOLVO	29	MASSEY FERGUSON	25	MASSEY FERGUSON	31	MANITOU	27	ATLAS COPCO	29	VOLVO	33	BENFORD/TEREX	32
THWAITES	26	BOMAG	27	THWAITES	24	VOLVO	31	MASSEY FERGUSON	23	VOLVO	28	BOMAG	32	MANITOU	30
NEW HOLLAND	18	MASSEY FERGUSON	26	VOLVO	23	CATERPILLAR	28	VOLVO	23	BENFORD (TEREX)	25	BENFORD/TEREX	31	CATERPILLAR	29
OTHER	373	OTHER	284	OTHER	402	OTHER	490	OTHER	479	OTHER	645	OTHER MAKES	669	OTHERS	599
TOTAL	026	TOTAL	770	TOTAL	000	TOTAL	1004	TOTAL	1020	TOTAL	1171	TOTAL	1225	TOTAL	1142

### **MANUFACTURER**

OCT-DEC 2010	)	JAN-MAR 201	1	APR-JUN 201	1	JUL-SEPT 201	1	OCT-DEC 201	1	JAN-MAR 20	12	APR-JUN 201	12	JUL-SEP 2012	2
MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT	MANUFACTURER	TOT
JCB	150	JCB	166	JCB	153	JCB	134	JCB	142	JCB	130	JCB	89	JCB	70
KUBOTA	55	KUBOTA	55	JOHN DEERE	53	JOHN DEERE	50	TAKEUCHI	44	KUBOTA	41	KUBOTA	43	KUBOTA	36
JOHN DEERE	39	CATERPILLAR	52	KUBOTA	52	KUBOTA	50	KUBOTA	42	TAKEUCHI	38	JOHN DEERE	33	BOMAG	36
BOMAG	34	TAKEUCHI	43	TAKEUCHI	42	BENFORD/TEREX	36	JOHN DEERE	34	JOHN DEERE	27	BOMAG	29	JOHN DEERE	34
VOLVO	31	JOHN DEERE	41	CATERPILLAR	26	BOMAG	29	BOMAG	25	BOMAG	20	TAKEUCHI	26	TAKEUCHI	21
TAKEUCHI	29	BENFORD/TEREX	38	NEW HOLLAND	24	MASSEY FERGUSON	28	BENFORD/TEREX	21	CATERPILLAR	19	ATLAS COPCO	24	MANITOU	17
CATERPILLAR	27	VOLVO	34	BOMAG	23	TAKEUCHI	27	CATERPILLAR	20	THWAITES	17	VOLVO	22	THWAITES	17
MASSEY FERGUSON	25	MASSEY FERGUSON	31	BENFORD/TEREX	25	INGERSOLL RAND	23	MASSEY FERGUSON	18	BOBCAT	15	BENFORD/TEREX	22	CATERPILLAR	16
BENFORD/TEREX	25	BOMAG	29	HITACHI	20	CATERPILLAR	17	ATLAS COPCO	17	BENFORD/TEREX	15	CATERPILLAR	22	BENFORD/TEREX	15
NEW HOLLAND	22	NEW HOLLAND	23	ATLAS COPCO	18	THWAITES	17	VOLVO	17	MANITOU	14	THWAITES	17	MASSEY FERGUSON	13
OTHERS	498	OTHERS	888	OTHERS	477	OTHERS	390	OTHERS	427	OTHERS	380	OTHERS	377	OTHERS	300
TOTAL	935	TOTAL	1400	TOTAL	913	TOTAL	801	TOTAL	807	TOTAL	714	TOTAL	704	TOTAL	575

**POLICE FORCE** 

### **POLICE FORCE**

RANK	OCT-DEC 2008 POLICE FORCE TO	т	JAN-MAR 200 POLICE FORCE	09 TOT	APR-JUN 2009 POLICE FORCE		JUL-SEP 2009 POLICE FORCE T	ОТ	OCT-DEC 2009 POLICE FORCE		JAN-MAR 2010 POLICE FORCE TOT	APR-JUN 2		JUL-SEP 20 POLICE FORCE	10 TOT	RANK	RANK	OCT-DEC 2010 POLICE FORCE		JAN-MAR 2011 POLICE FORCE TOT	ГР	APR-JUN 2011 OLICE FORCE TOT	JUL-SEPT 201 POLICE FORCE		OCT-DEC 2011 POLICE FORCE TOT	JAN-MAR 20 POLICE FORCE	)12 TOT	APR-JUN 2012 POLICE FORCE TOT	JUL- POLICE FO	SEP 2012 RCE TOT	RANK
	AVON & SOMERSET 61	1	GMP	67	GMP	_	METROPOLITAN POL		METROPOLITAN POL	_		GMP	88	GMP	86	1		METROPOLITAN POL	_	METROPOLITAN POL 100	_	METROPOLITAN POL 79	METROPOLITAN POL	_	METROPOLITAN POL 81	METROPOLITAN PO	DL 65	METROPOLITAN POL 60	METROPOL		1
	METROPOLITAN POL 54	4	THAMES VALLEY	58	THAMES VALLEY		GMP	31	GMP	89	GMP 66	METROPOLITAN	POL 85	METROPOLITAN PO	DL 80	2	2	GMP	70	THAMES VALLEY 87	G		GMP	51	KENT 64	GMP	53	WEST YORKSHIRE 58	KENT	34	2
3	SURREY 45	5	METROPOLITAN PO	L 51	METROPOLITAN POL	64	THAMES VALLEY	77	WEST YORKSHIRE	58	KENT 55	KENT	53	THAMES VALLEY	62	3	3	THAMES VALLEY	49	GMP 85	W	VEST MIDLANDS 53	KENT	45	HERTFORDSHIRE 43	WEST YORKSHIRE	39	KENT 43	GMP	32	3
4	GMP 45	5	SURREY	41	ESSEX	46	WEST YORKSHIRE	71	THAMES VALLEY	51	WEST YORKSHIRE 48	THAMES VALLEY	52	KENT	53	4	4	SURREY	40	WEST MERCIA 70	TH	HAMES VALLEY 52	THAMES VALLEY	41	GREATER MANCHESTER42	BTP	29	GREATER MANCHESTER42	WEST YORK	SHIRE 30	4
5	ESSEX 42	2	AVON & SOMERSET	35	SURREY	41	ESSEX	16	KENT	39	AVON & SOMERSET 46	AVON & SOMERS	ET 51	AVON & SOMERSE	T 50	5	5	WEST YORKSHIRE	38	KENT 61	ES	SSEX 51	ESSEX	36	WEST YORKSHIRE 33	ESSEX	28	ESSEX 31	THAMES VA	LLEY 27	5
6	STRATHCLYDE 39	9	WEST MIDLANDS	35	KENT	38	WEST MIDLANDS	15	HAMPSHIRE	38	HERTFORDSHIRE 44	WEST YORKSHIRE	42	ESSEX	49	6	6	WEST MERCIA	37	WEST MIDLANDS 60	W	VEST YORKSHIRE 41	CAMBRIDGESHIRE	32	SURREY 33	SURREY	28	WEST MIDLANDS 30	ESSEX	26	6
7	WEST MIDLANDS 38	3	WEST MERCIA	27	WEST YORKSHIRE	38	AVON & SOMERSET	14	LINCOLNSHIRE	33	THAMES VALLEY 37	ESSEX	42	HAMPSHIRE	45	7	7	ESSEX	37	STRATHCLYDE 56	K	ENT 39	HERTFORDSHIRE	30	AVON AND SOMERSET32	KENT	28	THAMES VALLEY 26	CAMBRIDG	ESHIRE 22	7
8	KENT 35	5	HAMPSHIRE	24	WEST MERCIA	35	NORTH YORKSHIRE	36	ESSEX	33	ESSEX 36	SURREY	41	HERTFORDSHIRE	39	8	8	AVON AND SOMERSE	T36	AVON AND SOMERSET55	C	AMBRIDGESHIRE 38	SURREY	29	THAMES VALLEY 31	HERTFORDSHIRE	26	AVON & SOMERSET 26	AVON & SO	MERSET 21	8
9	SOUTH YORKSHIRE 32	2	HERTFORDSHIRE	24	AVON & SOMERSET	34	SURREY	31	STRATHCLYDE	28	SOUTH YORKSHIRE 34	WEST MERCIA	39	WEST YORKSHIRE	37	9	9	WEST MIDLANDS	32	ESSEX 50	H	IERTFORDSHIRE 38	WEST YORKSHIRE	28	WEST MIDLANDS 31	WEST MIDLANDS	26	WEST MERCIA 24	SURREY	20	9
10	LINCOLNSHIRE 32	2	WEST YORKSHIRE	24	WEST MIDLANDS	31	CHESHIRE	30	WEST MIDLANDS	27	WEST MIDLANDS 34	LINCOLNSHIRE	37	STRATHCLYDE	33	10	10	HAMPSHIRE	31	WEST YORKHIRE 50	A)	VON AND SOMERSET35	WEST MERCIA	27	ESSEX 23	HAMPSHIRE	23	CAMBRIDGESHIRE 23	WEST MERC	IA 18	10
	OTHER FORCE AREA 503	3	OTHER FORCE AREA	392	OTHER FORCE AREA	504	OTHER FORCE AREA 5	40	OTHER FORCE AREA	523	OTHER FORCE AREA 619	OTHER FORCES	705	OTHERS	609			OTHERS	489	OTHERS 726	5 0	OTHERS 429	OTHERS	389	OTHERS 394	OTHERS	371	OTHERS 341	OTHERS	303	
	TOTAL 926	6	TOTAL	778	TOTAL 9	980	TOTAL 1	94	TOTAL 1	020	TOTAL 1151	TOTAL	1235	TOTAL	1143			TOTAL	935	TOTAL 1400	0 T(	OTAL 913	TOTAL	801	TOTAL 807	TOTAL	714	TOTAL 704	TOTAL	575	

## **PLANTTYPE**

							PLAI	NT.	TYPE																PI	LAN	IT TYPE								
	OCT-DEC 200	8	JAN-MAR 20	009	APR-JUN 20	009	JUL-SEP 2009		OCT-DEC 20	09	JAN-MAR 20	10	APR-JUN 201		JUL-SEP 2010	)	24111	24111/	OCT-DEC 201	10	JAN-MAR 2011	1	APR-JUN 2011		JUL-SEPT 2011		OCT-DEC 2011		JAN-MAR 201	2	APR-JUN 201	2	JUL-SEP 2012		
RANK	PLANT TYPE	101	PLANTTYPE	101	PLANTTYPE	101	PLANTTYPE	TOT	PLANTTYPE	101	RANK	RANK	PLANT TYPE	101	PLANT TYPE	101	PLANT TYPE	TOT	PLANT TYPE	101	PLANT TYPE	TOT	PLANT TYPE	101	PLANT TYPE	101	PLANT TYPE	TOT RA	ANK						
1	MINI/COMPACT EX	247	MINI/COMPACT EX	212	MINI/COMPACT EX	221	MINI/COMPACT EX	256	MINI/COMPACT EX	207	MIN/COMPACT EX	196	MINI EXCAVATOR	195	MINI EXCAVATORS	193	1	1	MINI EXCAVATORS	152	MINI EXCAVATORS	149	MINI EXCAVATORS	193	MINI EXCAVATORS	115	MINI EXCAVATORS	117	MINI EXCAVATORS	130	MINI EXCAVATORS	125	MINI EXCAVATORS	90	1
2	TRACTORS	129	TRACTORS	106	TRACTORS	133	TRACTORS	159	GENERATORS	119	TRACTORS	142	TRACTOR	152	TRACTORS	136	2	2	GENERATORS	103	TRACTORS	124	TRACTORS	102	TRACTORS	114	GENERATORS	82	GENERATORS	78	ATTACHMENTS	75	GENERATORS	62	2
3	DUMPER	81	DUMPER	80	TELEHANDLER	96	TELEHANDER	103	TRACTORS	113	GENERATORS	130	GENERATOR	123	TELEHANDLERS	116	3	3	ATTACHMENTS	101	EXCAVATOR	111	GENERATORS	91	TELEHANDLERS	85	TELEHANDLERS	82	ATTACHMENTS	78	GENERATORS	69	RIDE ON MOWERS	51	3
4	TELEHANDLER	70	TELEHANDLER	76	RIDE ON MOWER	78	GENERATORS	94	TELEHANDLER	101	TELEHANDLER	92	TELEHANDLER	113	GENERATORS	114	4	4	TRACTORS	100	GENERATORS	93	TELEHANDLERS	78	GENERATORS	75	TRACTORS	71	TELEHANDLERS	77	TRACTORS	54	TRACTORS	49	4
5	BACKHOE EX	51	BACKHOE EX	60	GENERATORS	75	COMPRESSOR	87	EXCAVATORS	61	ATTACHMENTS	83	EXCAVATORS	62	ATTACHMENTS	84	5	5	TELEHANDLERS	89	TELEHANDLERS	78	ATTACHMENTS	75	ATTACHMENTS	55	EXCAVATOR	63	TRACTORS	47	TELEHANDLERS	47	TELEHANDLERS	48	5
6	ATTACHMENTS	45	ROLLER	48	DUMPER	67	DUMPER	75	BACKHOE EX	58	DUMPER	75	DUMPER	59	DUMPER	51	6	6	DUMPERS	46	DUMPERS	58	RIDE ON MOWERS	55	DUMPERS	49	DUMPERS	33	DUMPERS	40	DUMPERS	44	ROLLERS	40	6
7	FORKLIFT	45	FORKLIFT	44	BACKHOE EX	51	BACKHOE EX	59	DUMPER	55	BACKHOE EX	44	ATTACHMENTS	49	BACKHOE EX	49	7	7	ROLLER	42	ROLLER	49	DUMPERS	41	RIDE ON MOWERS	38	RIDE ON MOWERS	32	UTILITY TRUCKS	21	RIDE ON MOWERS	42	DUMPERS	36	7
8	ROLLER	28	RIDE ON MOWER	22	ROLLER	44	RIDE ON MOWER	59	ROLLER	44	ROLLER	43	RIDE ON MOWER	49	RIDE ON MOWER	48	8	8	EXCAVATOR	39	ATTACHMENTS	61	ROLLERS	34	COMPRESSOR	37	ROLLERS	28	RIDE ON MOWERS	20	WACKER PLATES	40	ATTACHMENTS	27	8
9	COMPRESSOR	19	EXCAVATORS	16	FORKLIFT	40	ROLLER	50	COMPRESSOR	43	COMPRESSOR	42	ROLLER	44	ROLLER	48	9	9	BACKHOE EX	29	COMPRESSOR	30	BACKHOE EX	27	ROLLERS	36	BACKHOE EX	27	EXCAVATOR	20	ROLLERS	37	COMPRESSOR	21	9
10	EXCAVATORS	15	COMPRESSOR	15	EXCAVATORS	26	ATTACHMENTS	38	RIDE ON MOWER	37	EXCAVATORS	36	COMPRESSOR	41	EXCAVATOR	36	10	10	COMPRESSOR	21	BACKHOE EX	27	COMPRESSOR	23	EXCAVATOR	33	FORKLIFT	17	ROLLERS	19	COMPRESSOR	37	EXCAVATOR	18	10
	OTHER ITEMS	196	OTHER ITEMS	99	OTHER ITEMS	149	OTHER ITEMS	114	OTHER ITEMS	182	OTHER ITEMS	268	OTHER TYPES	348	OTHERS	268			OTHERS	213	OTHERS	620	OTHERS	194	OTHERS	164	OTHERS	255	OTHERS	186	OTHERS	134	OTHERS	133	
	TOTAL	926	TOTAL	778	TOTAL	980	TOTAL	1094	TOTAL	1020	TOTAL	1151	TOTAL	1235	TOTAL	1143			TOTAL	935	TOTAL	1400	TOTAL	913	TOTAL	801	TOTAL	807	TOTAL	714	TOTAL	704	TOTAL	575	

## **REGIONAL CLUSTER**

RANK	OCT-DEC 20 REGIONAL CLUSTER		JAN-MAR 20 REGIONAL CLUSTER		APR-JUN 200 REGIONAL CLUSTER	-	JUL-SEP 200 REGIONAL CLUSTER		OCT-DEC 2009 REGIONAL CLUSTER TOT	JAN-MAR 20 REGIONAL CLUSTE		APR-JUN 20 REGIONAL CLUSTER		JUL-SEP 201 REGIONAL CLUSTER	
1	SOUTH EAST	244	SOUTH EAST	232	SOUTH EAST	324	SOUTH EAST	327		SOUTH EAST	350	SOUTH EAST	339	SOUTH EAST	334
2	YORKSHIRE & NE	162	YORKSHIRE & NE	89	YORKSHIRE & NE	151	YORKSHIRE & NE	197		EAST MIDS & ANG	LIA 168	YORKSHIRE & NE	175	EAST MIDS & ANGL	IA 155
3	MIDLANDS	130	MIDLANDS	86	NORTH WEST	132	NORTH WEST	140		YORKSHIRE & NE	159	NORTH WEST	158	SOUTH WEST	140
4	SOUTH WEST	123	SOUTH WEST	90	MIDLANDS	101	EAST MIDS & ANGL	IA 122		NORTH WEST	115	EAST MIDS & ANGL	JA 141	YORKSHIRE & NE	139
5	NORTH WEST	90	NORTH WEST	106	EAST MIDS & ANGLI	A 98	SOUTH WEST	117		SOUTH WEST	113	SOUTH WEST	132	NORTH WEST	135
6	EAST MIDS & ANGL	IA 86	EAST MIDS & ANGL	LIA 93	SOUTH WEST	93	MIDLANDS	97		MIDLANDS	97	MIDLANDS	90	SCOTLAND & NI	96
7	SCOTLAND & NI	56	SCOTLAND & NI	45	SCOTLAND & NI	51	SCOTLAND & NI	64		SCOTLAND & NI	89	SCOTLAND & NI	86	MIDLANDS	86
8	WALES	35	WALES	37	WALES	30	WALES	30		WALES	32	WALES	54	WALES	26
9										BTP & MOD	28	BTP & MOD	53	BTP & MOD	17
	TOTAL	926	TOTAL	778	TOTAL	980	TOTAL	1094		TOTAL	1151	TOTAL	1235	TOTAL	1143
												UNKNOWN/ OTHER	R 7	UNKNOWN/ OTHER	R 15
			_		_		_			_		ONIMOWN OTTE	1 7	ONINOWIN OTTE	ĺ

#### **REGIONAL CLUSTER**

OCT-DEC 201 REGIONAL CLUSTER		JAN-MAR 20 REGIONAL CLUSTER		APR-JUN 20 REGIONAL CLUSTER	11 TOT	JUL-SEPT 20 REGIONAL CLUSTER		OCT-DEC 20 REGIONAL CLUSTER		JAN-MAR 20 REGIONAL CLUSTER		APR-JUN 20 REGIONAL CLUSTER		JUL-SEP 201 REGIONAL CLUSTER	- 1	RANK
SOUTH EAST	289	SOUTH EAST	396	SOUTH EAST	301	SOUTH EAST	294	SOUTH EAST	296	SOUTH EAST	205	SOUTH EAST	219	SOUTH EAST	176	1
EAST MIDS & ANGL	A 124	MIDLANDS	180	EAST MIDS & ANGL	A 143	EAST MIDS & ANGL	IA 113	EAST MIDS & ANGL	IA 99	YORKSHIRE & NE	114	YORKSHIRE & NE	114	YORKSHIRE & NE	106	2
NORTH WEST	113	YORKSHIRE & NE	177	NORTH WEST	97	YORKSHIRE & NE	82	YORKSHIRE & NE	92	EAST MIDS & ANGL	IA 74	SOUTH WEST	78	EAST MIDS & ANGLI	A 79	3
SOUTH WEST	106	SOUTH WEST	166	SOUTH WEST	95	SOUTH WEST	78	MIDLANDS	83	MIDLANDS	72	EAST MIDS & ANGL	IA 73	SOUTH WEST	58	4
YORKSHIRE & NE	95	NORTH WEST	150	YORKSHIRE & NE	92	NORTH WEST	77	NORTH WEST	74	SOUTH WEST	68	MIDLANDS	64	NORTH WEST	53	5
MIDLANDS	81	EAST MIDS & ANGL	IA 144	MIDLANDS	90	MIDLANDS	65	SOUTH WEST	69	NORTH WEST	67	NORTH WEST	59	MIDLANDS	46	6
SCOTLAND & NI	81	SCOTLAND & NI	118	SCOTLAND & NI	57	SCOTLAND & NI	58	SCOTLAND & NI	47	SCOTLAND & NI	61	SCOTLAND & NI	55	SCOTLAND & NI	31	7
BTP & MOD	23	WALES	35	WALES	17	WALES	8	BTP & MOD	21	BTP & MOD	29	WALES	17	WALES	13	8
WALES	16	BTP & MOD	25	BTP & MOD	12	BTP & MOD	12	WALES	17	WALES	22	BTP & MOD	14	BTP & MOD	9	9
TOTAL	935	TOTAL	1400	TOTAL	913	TOTAL	810	TOTAL	807	TOTAL	716	TOTAL	704	TOTAL	575	
UNKNOWN/ OTHER	7	UNKNOWN/ OTHER	9	UNKNOWN/ OTHER	9	UNKNOWN/ OTHER	14	UNKNOWN/ OTHER	9	UNKNOWN/ OTHER	4	UNKNOWN/ OTHER	11	UNKNOWN/ OTHER	4	

# **QUAD MAKES**

	OCT-DEC 20	010	JAN-MAR 20	11	APR-JUN 20	11	JUL-SEPT 2	011	OCT-DEC 20	)11	JAN-MAR 2	012	APR-JUN 20	012	JUL-SEP 20	)12	
RANK	QUAD MAKES	TOT	QUAD MAKES	TOT	QUAD MAKES	TOT	QUAD MAKES	TOT	QUAD MAKES	TOT	QUAD MAKES	TOT	QUAD MAKES	TOT	QUAD MAKES	TOT	RANK
1	HONDA	100	HONDA	130	HONDA	103	HONDA	115	HONDA	112	HONDA	80	HONDA	93	HONDA	83	1
2	YAMAHA	43	YAMAHA	58	YAMAHA	47	YAMAHA	44	YAMAHA	67	YAMAHA	22	YAMAHA	33	YAMAHA	40	2
3	KAWASAKI	19	KAWASAKI	24	KAWASAKI	22	KAWASAKI	20	KAWASAKI	19	KAWASAKI	11	SUZUKI	15	KAWASAKI	24	3
4	OTHERS	67	OTHERS	72	OTHERS	71	OTHERS	66	OTHERS	82	OTHERS	62	OTHERS	81	OTHERS	62	4
	TOTAL	229	TOTAL	284	TOTAL	243	TOTAL	245	TOTAL	280	TOTAL	175	TOTAL	222	TOTAL	209	
			Quad included in														





Home Office

Struction Plant hirers Associ

PLANT SCORITY SCORI

## July – September 2012

PANIU have the pleasure in reporting a significant 22% drop in overall plant theft for the period July – September 2012 when compared to previous months.

This quarter PANIU recorded the lowest number of offences since records began in October 2008. Only 575 notifiable offences were recorded against the highest figure of 1400 offences for the period Jan – March 2011.

For the same period Jul – Sept 09 there were 1094 offences, Jul – Sept 10 there were 1143 offences and for Jul – Sept 11 there were 801 offences.

It could be argued that the 2012 London Olympics had a significant effect on theft rates. Many construction machines had been off hired or returned to owners secure compounds because of the Mayor's ban on any roadworks or utility contracts during the Games period.

Thus contractors were forced to shut up shop for the duration and could only respond to true emergencies. Therefore no plant machinery had been left vulnerable on the roadside.

On the flip side rural communities had also been made aware that due to extensive aid to London and the other Games locations local officers were having to provide assistance to other forces. As a result there would be significantly less officers patrolling those areas. Thus it could be said there should have been an increase in crime in some locations...

What cannot be denied however is the huge drop in thefts over the Olympic period

## Plant Types. Good news and bad news...

This quarter as per the last has seen the continued item of choice for the plant thief to be smaller items of machinery. This appears to indicate that the thefts are becoming more opportunist and sporadic with thieves targeting machines left vulnerable rather than targeted attacks.

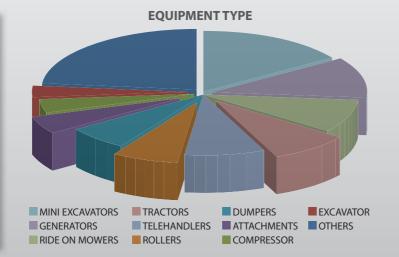
There has, however, still been a continued demand for mini excavators with 90 stolen against 125 stolen during the previous quarter.

In keeping with the seasonal demand, the theft of ride-on lawn mowers has risen significantly to climb to third position in the most stolen type league table with 51 stolen this quarter. This is the highest position ride-on mowers has reached indicating the new trend. For the same period last year only 38 were stolen signifying a 25% increase in demand.

The demand for tractors and telehandlers remain constant with 49 and 48 thefts respectively against 54 and 47 for the previous quarter. However when compared to the same period Jul – Sept 2011 significant decreases are noted. In 2011 114 tractors were stolen resulting in 57% reduction this year and 85 telehandlers were stolen resulting in a 43% reduction.

Demand for easily stolen plant such as generators and rollers remain high.

RANK	July - September 20 PLANT TYPE	012 TOT
1	MINI EXCAVATORS	90
2	GENERATORS	62
3	RIDE ON MOWERS	51
4	TRACTORS	49
5	TELEHANDLERS	48
6	ROLLERS	40
7	DUMPERS	36
8	ATTACHMENTS	27
9	COMPRESSOR	21
10	EXCAVATOR	18
	OTHERS	133
	TOTAL	575



#### **Farm Thefts**

Because of the sheer volume and the difficulty identifying the theft record of a utility quad from a sports bike quad PANIU keep a separate record of this type of equipment and do not record Quads with the main theft types.

However such is the demand by criminals for this type of machine that disproportionately quad bikes continue to dominate as the number one item stolen from the plant world. This quarter was no exception with 209 quads stolen across the UK.

Currently a quarter of all PANIU daily records relate to the theft of a Quad bike.

Clearly Quads will remain the number one article stolen, due to demand, ease of transport and poor security. Unfortunately the difficulties in identification remain and until manufacturers start considering the use of CESAR, immobiliser and tracking technologies then a significant reduction in theft cannot be achieved.



APR-JUN 20 QUAD MAKE	012 TOT
HONDA	83
YAMAHA	40
SUZUKI	24
OTHERS	62
TOTAL	209





Perhaps the safest way to protect your vulnerable quad??

#### **Tractor Thefts**

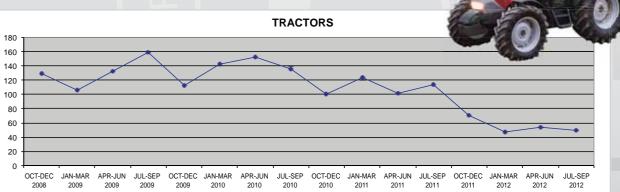
With regards to the theft of tractors this quarter 49 machines were reported stolen from across the UK. This is still a sizeable number and highlights that organised crime is still operating in this sector.

Given the average value of a tractor is approximately £35,000 the loss of these tractors in the last three months is almost £1.75 million on its own without considering loss of use, replacement costings etc etc..

The overall losses are considerably better than for the same period Jul – Sept 2011 when 114 tractors were stolen. So although an overall reduction of 57% relates to the theft of tractors between 2011 and 2012 there is still a considerable number of high value machines being stolen and thieves are still stealing them!!

Lock your gates and remove the vehicle keys overnight if you want your tractor to be there in the morning!!.

Get CESAR and an aftermarket immobiliser fitted and not only will it be there in the morning but it will save you money in the long term!!

























PANIU include Force area theft data to highlight regions that organised criminal networks are currently operating.

However although low volume and low risk it is incredibly high profit for the criminal networks. By highlighting hotspots it allows police forces to target those responsible.

The current number one hotspot is the Metropolitan Police area for London. Because of the sheer size of the City and the huge number of machines operating within it is expected that this area will always attract a greater number of crimes.

When compared to the same period last year the Met area has achieved a continuous reduction of 54%, with 42 crimes being reported this quarter compared to 93 for the 2011 quarter. This may be as a result of concerted targeted operations against known plant thieves that PANIU have conducted over the last year.

Force areas of concern this quarter are Kent Police area which has now risen to being the second force area with the highest incidences of plant theft in the UK. West Yorkshire, Thames Valley, Essex and Cambridgeshire all still remain high on the league table.

Forces that have achieved the greatest reduction in plant theft in their areas are Lancashire, Sussex Police, Greater Manchester Police and Herts . All of these forces have continued to have pro active operations specifically targeting plant theft.

	RANK	JUL-SEP 2012 POLICE FORCE	тот
	1	MET POLICE	40
	2	KENT	34
	3	GREATER MANCHESTER	32
	4	WEST YORKSHIRE	30
	5	THAMES VALLEY	27
	6	ESSEX	26
	7	CAMBRIDGESHIRE	22
	8	<b>AVON &amp; SOMERSET</b>	21
t	9	SURREY	20
	10	WEST MERCIA	18
		OTHERS	303
)		TOTAL	575
}			

RANK	JUL-SEP 2012 REGIONAL CLUSTER	тот
1	SOUTH EAST	176
2	YORKSHIRE & NE	106
3	EAST MIDS & ANGLIA	79
4	SOUTH WEST	58
5	NORTH WEST	53
6	MIDLANDS	46
7	SCOTLAND & NI	31
8	WALES	13
9	BTP & MOD	9
	TOTAL	575
	UNKNOWN/ OTHER	4

# **Theft by Make**

As described in the headline section JCB thefts just continue to fall.

This quarter the number of JCB's stolen fell to its lowest recorded number of just 70 machines. This is a fall of 20% from last quarter when 89 were stolen.

When compared to last year this has reduced by 47% when 134 were stolen and a massive 66% to the same period in 2008 when 210 were stolen.

Of note is the continued rise of Bomag who have seen a further 20% increase in thefts this guarter. Thwaites remains constant with the same number stolen this quarter as in previous quarters.

		APR-JUN 2012	
	RANK	MANUFACTURER	ТОТ
	1	JCB	89
	2	KUBOTA	43
	3	JOHN DEERE	33
n	4	BOMAG	29
	5	TAKEUCHI	26
	6	ATLAS COPCO	24
	7	VOLVO	22
8	8	BENFORD/TEREX	22
	9	CATERPILLAR	22
	10	THWAITES	17
		OTHERS	377
		TOTAL	704

Manitou have entered the top ten this quarter to sixth position with a number of telehandlers stolen. If this figure continues to rise in future months it will give evidence of thieves targeting easier machines to steal rather than the secured JCB telehandlers. At this stage it is too early to say whether this trend will continue.

#### **Current CESAR Trends**

With CESAR markings now protecting over 100,000th machines since its introduction in 2007 the majority of manufacturers are starting to protect their customers and are fitting as standard.

The primary purpose of the scheme is to allow police a 24 hour ability to check the provenance of any marked equipment. A registration scheme which allows the officer to contact the owner of any plant machine and identify stolen equipment easily.

Prior to the CESAR, the recovery of plant machinery was less than 5%. Today that figure is almost six times greater.

Since 2007 641 machines fitted with CESAR have been reported stolen. This figure initially appears high but one must remember that CESAR is now fitted on newer and more potentially attractive and valuable machines. Therefore by their very nature these machines are targeted by thieves. Comparisons have been made by the insurance industry against marked and non marked machinery and it is proven that machines fitted with CESAR have a significant lower theft rate therefore proving its deterrent factor.

Of those 641 stolen machines 178 have been recovered by police which highlights a 27.7% recovery rate.

This is compared to the 5% recovery of machines stolen not fitted with CESAR markings.









Contact CESAR Datatag on 0845 070 0440 or PANIU 0207 230 7290

Full details of the scheme can be accessed using the link www.cesarscheme.org











#### **Unusual thefts**















Plant & Agricultural National Intelligence Unit





# Stolen from Towcester, Northamptonshire on

Stolen Merlo P38-12+ Telehandler

8th October 2012.

Serial number - C0195784

CESAR Registered - 65AB8E



#### **THEFT of a Harrington Generator**

A generator was towed away from a network rail site in Grays, Essex, with the use of a Mitsubishi Shogun, predominately silver in colour, about 23:07hrs on Monday 11 June 2012.

Harrington 100 KVA 50Hz Mobile 4 wheeled 650 Volt generator coloured grey with turntable on the front. Valued approx £40,000

Serial number - 018713. Vehicle also has unique Network Rail markings CB02ABC TR006.



### **THEFT of a McCloskey Crusher**

A crusher was towed away from Dungannon, Northern Ireland, between 2000hrs 21st July 2012 and 0830hrs 22nd July 2012.

McCloskey J50 Crusher, predominately green in colour.

Valued approx £300,000

Serial number - 71853.



The three items of plant along with various buckets were stolen from Surrey around the 29th June 2012. They are all liveried to Kelsey Plant Hire the dumper being in the company colours of turquise blue. Fleet numbers welded into the body of each with all the glass in both excavators etched with fleet number & contact telephone number.

Theft of Terex PT3000 Dumper, Bobcat 328 Mini Excavator and Volvo ECR88 Excavator





Volvo ECR88 -Serial number: 12686 Fleet Number: DG901





Bobcat 328 - Serial number: A9K113322 Fleet Number: DG321

#### **THEFT of Three Tippers**

Company colours

Three Tipper trucks have been stolen from WM Walsh Surfacing Ltd, Unit 6, Rainbow Industrial Park, Station Appr, Raynes Park, SW20 0JY between 1715hrs 17th Sept 2012 and 0530hrs 18th Sept 2012.

VRM: • RK12YBT - DAF • RK12YBS - DAF • CA11WMW - HINO

Met Crime Ref:- 1412365/12



Each fitted with PALFINDER Hydraulic grab Buckets Image above is of RK12YBT and RK12YBS



Image above is sign writing on the rear





# OOPS... this months images from the internet



























#### RURAL CRIME WORKSHOP, MYERSCOUGH COLLEGE LANCASHIRE

Datatag ID Ltd and the Lancashire Police Constabulary joined forces in October to run a 2-day Rural Crime Workshop at Myerscough Agricultural College in Bilsborrow. Lancashire Police run a very successful farm watch scheme throughout Lancashire with around 1,000 members of the scheme in total.

The event was designed to engage with members of the rural community who are regularly targeted by criminals. DS Simon Ingham, from the Lancashire Police Stolen Vehicle Unit, and Dave Luscombe, from Datatag, presented the official CESAR scheme to a mixed audience of local rural police officers, PCSO's, farmers, other local land owners and students from the college.

CESAR, the only official equipment security and registration scheme, is widely supported in the agricultural and rural community by the Agricultural Engineers Association (AEA), leading equipment manufacturers including John Deere, JCB and New Holland, insurers and the police.

CESAR is the most successful scheme of its type anywhere in the world with over 100,000 pieces of equipment now protected by the familiar triangular registration plate. CESAR is a proven deterrent against theft and an invaluable aid in recovery. CESAR registered machines are 4 times less likely to be stolen and 6 times more likely to be recovered than unregistered machines.

CESAR works by giving each piece of equipment a unique 'fingerprint' using a variety of high technology security marking devices, supplied by Datatag, including tamper evident triangular registrations plates, Radio-frequency identification (RFID) transponders, forensic liquid DNA, and microscopic Datadots®. Once CESAR is fitted, a machine is protected for life with no recurring costs.

The Myerscough audience learnt that CESAR can be fitted to any piece of agricultural equipment including tractors, telescopic handlers, trailers, quad-bikes and even combine harvesters! CESAR acts as a powerful deterrent against theft and has proven to be an invaluable aid in recovery. Less than 1% of CESAR registered machines have been stolen and yet nearly 30% have been recovered,

compared to less than 5% before the introduction of the innovative scheme. The audience was particularly taken with the fact that leading insurers offer insurance premium discounts of up to 25% on CESAR registered equipment.

Datatag and CESAR will be spreading the word further at the popular LAMMA show which is due to be held on Wednesday 16th and Thursday 17th January 2013 at the Newark and Nottinghamshire Showground.



To read the full articles go to: http://www.cesarscheme.org/News.html



























# STOP PLANT THEFT

If you have any information on the theft of machinery or require advice, then contact: **Plant & Agricultural National Intelligence Unit** 



#### Did you know...

- ☐ The Plant and Agricultural National Intelligence Unit is a specialist Police Unit whose remit is to assist Police and other law enforcement agencies with the identification of stolen plant or agricultural machinery.
- We offer support and advice to help you identify any type of plant or agricultural machine.
- We maintain the most accurate police database of all stolen machines throughout the UK.
- We record all national theft data and have access to the PNC and the majority of plant insurers and
- We offer advice, intelligence and statistical information regarding organised criminal networks working
- We can provide suitable 'sting' vehicles including tractors and excavators at nil cost.
- We provide specialist police examiners for pre planned operations.
- $\hfill \blacksquare$  We provide training and advice to officers around identification and





You can contact PANIU during office hours by ringing 0207 230 7290

by Police by ringing CESAR on **08 450 700 440** 24 hours a day!

PANIU is staffed by Police Officers there to help You!





PROTECT YOUR EQUIPMENT NOW! Call 08 450 700 440 | www.cesarscheme.org





# Plant Theft - The Real Truth

PANIU is a specialist police unit dedicated to reducing plant theft in association with:

Supported by Home Office















Agricultural Engineers Association



Construction Plant











Plant Theft Action Group

It would not have been possible without the assistance and funding help specifically from:







**HSB** Engineering Insurance Limited















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