65th INTERNATIONAL SEMINAR



THE ROAD TO CHANGE
BY JOINING THE DRIVE TO ELIMINATE VEHICLE CRIME.

CENTURY CITY
CONFERENCE CENTRE
7 AUGUST - 1 SEPTEMBER 2017

DAYS
HIGH LEVEL
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SPEAKERS
1 EXHIBITION

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65th INTERNATIONAL SEMINAR



THE PROGRAMME HAS BEEN DESIGNED TO INCLUDE 'BIG PICTURE' **EXECUTIVE LEVEL PLENARY SESSIONS AS WELL AS HANDS ON** PRACTICAL TRAINING SESSIONS.

TOPICS INCLUDE:









- The Economic Aspect of Vehicle Crime
 The Vulnerability of Today's Car: Vehicle System Hacking
 How Crime Mapping, Linkage Analysis and Environmental Assessment can assist in the Prevention of Vehicle Crime

- Development in the field of GPS Location E Natis: Friend or Foe Vehicles and Terrorism: the Vehicle as a Currency for Crime
- Intelligent LPR
- Cross Border Vehicle Crime: International Perspective and Best Practice
- Asset Forfeiture Vehicle Crime
- Truck Hijacking and Cargo Freight Theft Cross Border Vehicle Crime: A Local Perspective
- Advance Telematics technology in the Short Term Insurance Industry Organised Vehicle Crime: The Brazen Syndicates
 The Role of the Media in the fight against Vehicle Crime
 The Role of Technology in the fight against Vehicle Crime
 Vehicle Finance Frond

- Vehicle Finance Fraud
- Vehicle Jamming
- Insurance Fraud and the Power of Data

To register or for more information, visit www.iaati2017.co.za





The 65th Annual IAATI Training Seminar, hosted by the Southern African Branch of the International Association of Auto Theft Investigators will take place on African soil for the very first time in August 2017. We are proud to be hosting this event and would like to invite you to join us in Cape Town, South Africa.

The Seminar offers a weeklong training program on the latest information on vehicle crime investigation, motor vehicle identification, vehicle crime trends and current technology. IAATI recognizes that just as law enforcement agencies cannot successfully function independently of one another, auto theft investigation requires active collaboration with the private sector. As such our members include representatives of law enforcement agencies, insurance industry, banking institutions, vehicle manufacturers, security experts, forensic specialists, government, registration authorities and vehicle inspectors, policy advisers, and others with a legitimate interest in vehicle related crime. Our members are involved in all aspects of legal vehicle related crime, including the prevention and, detection, investigation and prosecution thereof, as well as the awareness and education of all stake holders.

The seminar aims to attract more than 500 delegates, both local and international and will cover topics such as vehicle identification and technology, cloning, investigative techniques and trends, vehicle theft and hijacking, cross border vehicle crime, tracking of vehicles, risk mitigation, fraud, corruption, systems and data as well as other related topics.

Vehicle theft is at the core of every crime, and needs to be addressed. Your participation in this event indicates that you share the same view. This initiative can only be a success if we are all serious about combining our efforts in the fight against vehicle crime. This is an excellent opportunity to do just that.

We hope you will join us on the road to change, by accepting our invitation to attend the 65th Annual IAATI Training Seminar

Daan Nel

President, IAATI Southern African Branch





Monday	28 August 2017	
	Plenary 1	
08h30	Entertainment	
09h00	Welcome & Opening Formalities	Mr Tinus Odendal; 3 rd Vice President, IAATI
09h25	Invocation	Police Pastor; South African Police Services
09h35	Welcome Remarks: IAATI SAB	Mr Daan Nel; President, IAATI SAB
09h45	Welcome Remarks: IAATI	Mr Hans Kooijman; President, IAATI
10h00	Keynote Address	Minister of Police, The Honourable Mr Fikile Mbalula
10h20	Welcome from the City of Cape Town	Speaker TBA
10h30	Presentation of Awards	Mr Tinus Odendal; 3 rd Vice President, IAATI
11h00	Refreshment Break	
	Plenary 2	
11h30	The Economic Aspect of Vehicle Crime	Mr George Glynos; Managing Director, ETM Analytics
12h00	The Vulnerability of Todays Car; Vehicle System Hacking	Prof Marko Schuba; Aachen University of Applied Sciences
12h30	Digital Fraud	Mr Selvan Naidu, Group Head, Fraud Risk Manage- ment, Standard Bank
13h00	Lunch Break	
	Plenary 3	
		Mr JD Hough , 1 st Vice President, IAATI -Canada/ USA
		Mr Mark Pollard, President, IAATI Australasia Branch - Australasia
		Mr Daniel Beck , President LATAM Branch, IAATI - Latin America
14h00	International Panel Discussion	Mr Daan Nel, President Southern
		African Branch, IAATI – South Africa Mr Justin Powell, President United Kingdom Branch, IAATI – United Kingdom
		Mr Jari Tiainen, President European Branch IAATI - Europe
15h30	Refreshment Break	

Monday 28 August 2017 (continued)		
	Plenary 4	
16h00	The Interconnectedness of Vehicle Crime	Major General Johnson; South African Police Service, Detective Service
16h20	Gold Sponsor: Tracker Connect	Mr Ron Knott-Craig ; Executive Operational Services, Tracker Connect
16h30	Crime Mapping, Linkage Analysis and Environmental Assessment	Dr Chris de Kock; CEO, Crime Facts South Africa
16h50	Gold Sponsor: Zonke Unicode	Mr Emmanuel Diakakis ; Managing Director, Zonke-Unicode
17h00	Day Close	

Tuesday	⁷ 29 August 2017			
	Plenary 5			
08h30	The Use of Technology in the Fi Crime	ight against	Mr Alan Knott C	raig; Executive Chairman: HeroTe
09h00	Gold Sponsor: Mercedes Benz		Speaker TBA	
09h10	Auto Theft Prevention Authorit	ty Func-	Mr Chris McDon Vehicle Theft Pre	rald; Executive Director, Maryland vention Council
09h40	Gold Sponsor: Recoveri		Mr Philip Opper	man ; CEO, Recoveri
09h50	Cyber Crime and the Impact on Landscape in the Insurance Inc			herland ; Business Development lard Specialist Risk and Liability
10h30	Gold Sponsor: SAICB		Speaker TBA	
10h40	Refreshment Break			
	Breakaway 1			
11h10	Session 1: Vehicle Arson Investigation	Session 2: Ir and the Pov	nsurance Fraud ver of Data	Session 3: Organised Vehicle Crime – Case Study
	Mr Mark Pollard , Forensic Fire Investigator: F.I.R.E.S	Mr Garth De CEO, The Ins Bureau	e Klerk, urance Crime	Capt Hennie Odendaal , South African Police Service
			u el Diakakis , rector, Zonke-	
12h40	Lunch Break			

Tuesday 29 August 2017 (continued)			
	Breakaway 2		
13h40	Session 4: Vehicle Tracking Technology and Jamming	Session 5: Cross Border Movement of Vehicles	Session 6: Vin and Basic Vehicle Identification
	Mr Anton Senekal, Manager, Tracker Connect	Lt Col Danie Marais , South African Police Service	Mr Gerhard Marais, Manager, ABSA Insurance
	Col Hennie de Lange , South African Police Service	Scivice	Mr JD Hough, 1 st Vice President, IAATI
15h10	Refreshment Break		
	Breakaway 3		
15h30	Session 7: Vehicle Finance Fraud	Session 8: International Organised Vehicle Crime	Session 9: Accident Staging / Money Raising
	Mr Dave May , Manager, Standard Bank	Ms Heidi Jordan , Senior Special Agent, NICB	Mr Louwrens Liebenberg , Senior Project Manager, The Insurance Crime Bureau
	Mr Hannes Snyders , Manager, Standard Bank		Crime Bureau
17h00	Day Close		

Wednesday 30 August 2017		
	Plenary 6	
08h30	Asset Forfeiture	Adv JP Willemse, NPA
09h00	Gold Sponsor	Speaker TBA
09h10	Vehicles and Terrorism; The Vehi- cle as a Currency for Crime	Mr Renato Schipani, Criminal Intelligence Officer, Interpol
09h40	Gold Sponsor	Speaker TBA
09h50	NaTIS: Friend or Foe	Mr Shayne Betshoo, Manager, Road Traffic Management Centre
10h20	Intelligent License Plate Recognition	Mr Michael Lever, Managing Director, Metagrated
10h40	Refreshment Break	

Wednesd	ednesday 30 August 2017 (continued)			
	Breakaway 4			
11h10	Session 10: Truck and Trailer Theft; Challenges and Investigative Techniques	Session 11: Vehicle Crime Investigations: Alternative Perspectives	Session 12: Microdot Investigative Techniques	
	D/W/O Clive Tiedt , South African Police Service	Mr Justin Powell, Branch President, IAATI UK	Mr Philip Opperman , CEO, Recoveri	
			Mr Jurie Roberts, Sales and Operations Manager, Datadot	
12h40	Lunch Break			
	Breakaway 5			
13h40	Session 13: Bait Car: A Case Study	Session 14: Cloned Vehicles	Session 15: Motorcycle Crime	
	Capt Alwyn Jenkins, VISPOL Head, Bellville SAPS	Mr Francois Pienaar, Project Manager, SAICB	Mr Christie Badenhorst, Operational Director, LGI	
	Mr Pierre Carstens, Operational Response Service Manager, Tracker	Lt Col Gielie de Klerk, South African Police Service	Mr Lachlin Harris, National Director, AMID	
	Mr Johannes Smit, Specialist Investigator, Old Mutual Insure			
15h10	Refreshment Break			
	Breakaway 6			
15h30	Session 16:Vehicle Crime: An International Overview	Session 17: The Use of Rent- al Vehicles in Crime	Session 18: Cellular Technology: Solving Crime and Analysis Methodology	
	Mr Renato Schipani, Criminal Intelligence Officer, Interpol	Mr Armour Gittings, Investigations Manager, AVIS/ Budget	Col Mike Sales, South African Police Service	
		Mr Kobus Small , National Risk Manager, Europcar		
17h00	Day Close			

Thursda	y 31 August 2017			
	Plenary 7			
08h30	The Quinteros Clan: The Crimin Organisation behind the Family	al		ndo Flores, District Attorney ssociation of Specialized Inits, Argentina
09h15	Accreditation of Universities for Training – Best Practice	IAATI		Brizuela, Officer of the Public the Province of Buenos Aires,
09h45	Advance Telematics Technology Short-Term Insurance Industry	in the	Mr Themba Ba Discovery Insu	aloyi, Executive Director, re
10h30	The use of the Airwing in the fight against Vehicle crime			Plessis, Operations Commander: ational Airwing, SAPS
11h00	Refreshment Break			
	Breakaway 7			
11h30	Session 19: The Use of the Asset Forfeiture Unit in the Fight against Vehicle Crime	License Ide	SADC Driver's ntification / Documents	Session 21: Cargo/Freight Theft: Challenges and Solutions
	Adv JP Willemse, NPA Brig. Ronel van Wyk, Financial and Asset Forfeiture Investigations, SAPS	Mr Pepsi W Assistant Di	ctor, c of Transport epener ,	Mr Andre Duvenage, CEO, Secure Logistics
13h00	Lunch Break			
	Plenary 8			
14h00	IAATI SAB AGM		Mr Daan Nel,	President IAATI SAB
15h00	IAATI AGM		Mr Hans Kooij	man , President IAATI
	Gala Banquet			
19h00	Gala Banquet Dinner			

Seminar Program:

Friday 1	September 2017	
	Plenary 9	
09h00	Southern African Overview on Vehicle Crime	Mr Hugo van Zyl; COO, The Insurance Crime Bureau
09h30	Vehicle Crime: Forensic Investigations	Brig Leonie Ras, South African Police Service
10h00	Missing Persons and Vehicle Crime	Lt Col Fanie van Deventer , SAPS Missing Persons Bureau / SACMEC
10h30	Truck Hijacking and Cargo Freight Theft	Mr Andre Duvenage, CEO, Secure Logistics
11h00	Refreshment Break	
	Plenary 10	
11h30	IAATI Membership Update	Mr Paul Thomas , 4 th Vice President, IAATI
11h50	Incoming IAATI President	Incoming President IAATI
12h00	Incoming IAATI SAB President	Incoming President IAATI SAB
12h10	Closing Remarks	Lt Gen Nkomo, Divisional Commissioner, Detective Service, South African Police Service

Registrations

Registrations are now open (iaati2017.co.za) and there are savings by registering early and for five or more registrations from the same organizations. **Discounted registrations (close 31 July)** are only USD \$314 or (ZAR 4,500) for delegates and only USD \$70 (ZAR 1,000) for companions. In addition group there will be the following group discounts on offer:

- Five (5) or more registrations from the same organisation registered at the same time will qualify for 5% discount on the total invoice amount
- Ten (10) or more registrations from the same organisation registered at the same time will qualify for a 10% discount on the total invoice amount

Destination — Cape Town

Positioned on the tip of Africa and affectionately dubbed South Africa's "Mother City", Cape Town is a city alive with things to do, see, taste and experience! From the famous Table Mountain to the city's golden beaches and surrounding wine lands, Cape Town will surely capture your heart. Also the World Design Capital 2014, Cape Town is a bustling expression of an international city with an African twist. Prepare to be wowed!!!







Venue — Century City Conference Centre & Hotel

The seminar will take place at the newly built Century City Conference Centre and Hotel, and is conveniently situated just a few minutes from the Cape Town CBD. It is a secure, privately managed, 250-hectare mixed-use precinct, for which development has exceeded R17billion to date.

This world-class model of new urban planning and implementation successfully combines residential, commercial and leisure components on the banks of eight



kilometres of picturesque waterways and canals. The development is home to over 500 companies. This includes national and regional head offices of some of South Africa's blue-chip corporates, and more than 3 500 apartments, houses, and penthouses.

Century City is centrally located in relation to the greater Cape Town metropole, with easy access from the CBD, the popular Victoria and Alfred Waterfront, and the Southern, Northern and West Coast suburbs.

Its situation on the N1 also provides convenient access to the Cape Town International Airport, and the Cape Winelands.





Accommodation

Special rates have been negotiated with hotels in the vicinity of Century City Conference centre. To book, please email accommodation@iaati2017.co.za

Century City Conference Centre Hotel







Superior Room: R 1805 Single and R 2105 double or twin.

Rates included Bed and Breakfast, complimentary Wi-Fi throughout the Hotel. A 1% tourism levy will be charged in addition to the above. Cancellation: Should room nights/rooms be cancelled 30 days or less from the arrival date, 100% of the released room nights/rooms will be charged.







Island Club Hotel & Apartments







Deluxe Room: R 1685.00 Single and R 1890.00 Double or Twin Superior Deluxe Room: R1885.00 Single and R 2090.00 Double or Twin

Suite: R 2235.00 Single and R 2440.00 Double or Twin

Rates include a scrumptious breakfast, complimentary Wi-Fi and secure parking. Cancellation: If cancelled up to 7 days before date of arrival, 50% of the total price of the reservation will be charged and if cancelled less than 7 days before date of arrival, 100% of the total price of the reservation will be charged.

African Pride Crystal Towers Hotel and Spa







Superior Room: R 2183.00 Single and R 2583.00 Double or Twin

Rates included Bed and Breakfast, tourism levy, complimentary Wi-Fi throughout the Hotel. Cancellation: Should room nights/rooms be cancelled 30 days or less from the arrival date, 100% of the released room nights/rooms will be charged.

Visa Information:

Visitors' visas are for international travellers (citizens of other countries) who have permanent residence outside South Africa and who wish to visit the country on a temporary basis for tourism or business purposes for a period of 90 days or less. Requirements for visitor's visas differ from country to country and the requirements are subject to change. As each application is treated as an individual case and you should make enquiries with your nearest South African mission or consulate abroad or any office of the Department of Home Affairs to see whether or not you are required to apply for a visa.

Please visit http://www.dha.gov.za/index.php/applying-for-sa-visa for more information on visas







Companion Programme:

Various activities are available for companions during the IAATI seminar. These can be booked through the registration portal. Once you have registered, you can return to your registration profile to book any of the below activities. A minimum number of 8 guests is required for each of the activities. Should we not reach the minimum number for the tour on your preferred date, our tour co-ordinator will be in contact with you to arrange another date.

For queries, please contact neulah@iaati2017.co.za Activities are scheduled as follows

Kalk Bay Gourmet Adventure







Depart from your hotel along the Atlantic Seaboard and over Boyes Drive en route to the Peninsula. Begin with a walk to view the famous penguins at Boulders Beach before heading back to Kalk Bay for a walk through this wonderful seaside "town". Enjoy a gourmet lunch at the Harbour House before heading back to the city.

Duration: Minimum 4 ½ hours (09h00 - 13h30)

Cost per person: R1,200

Aquila Safari Experience







Leave the city behind and discover the diverse flora and fauna for which Africa is famous while you observe some of Mother Nature's most majestic creations. On a guided game drive, track the "Big 5" in their natural habitat. Enjoy the scenic drive out of Cape Town past famous vineyards on your way to Aquila Safari Park. Following a buffet breakfast, set out on a guided game drive. The landscape of rugged mountains and lush valleys within an 11,000-acre (4,500-hectare) reserve presents ideal game viewing.

Duration: Full day (06h330 - 18h00)

Cost per person: R2,510







Table Mountain







Take a trip up the mountain side in the revolving cable car to enjoy the spectacular views of the city from this distinctive vantage point. Sparkling wine and canapés enhance the mood.

** Subject to weather Duration: Minimum 2 hours Cost per person: R930

Cape Malay Experience







Take a walk through the city centre past historical points such as the Adderley Street Flower Market, the Slave Lodge and the Company Gardens. Head up into the Bo Kaap to view the colourful Malay houses before a quick tour of the diamond trade in South Africa. End the morning with an incredible tasting of Malay food at the Bo Kaap Kombuis.

Duration: 4 hours (09h00 - 13h00)

Cost per person: R850





Winelands Explorer







Explore the Winelands region today with a visit to 2 estates for wine tasting followed by lunch at Babylonstoren. Take a walk through these wonderful gardens and enjoy the fruits of their labour during lunch.

Duration: Minimum 5 hours Cost per person: R900

Township Interaction







This interaction at street level will leave you amazed at the spirit of the South African people. View for yourselves their daily life challenges, the improvements made in the township and various heart-warming street projects and the positive influence these make on the people. Includes a meal in a local home.

Duration: Minimum 4 hours (09h00 - 13h00)

Cost per person: R1200







Pre & Post Seminar Tours:

Shaped by a rich history of influences, South Africa's breath-taking beauty stretches over vast areas of land. Gold, diamonds and the spirit of adventure drew explorers and pioneers from all over the globe. Over time, different peoples settled in this land and now it is home to many cultures. Yet despite their diversity, all have come to think of themselves as South Africans. United by their deep-rooted love for this country – a land so beautiful, it binds all in a shared vision of hope and prosperity. It's here that you will find the world's oldest rocks, the world's oldest fossils, and the world's newest democracy.

Everywhere you go in South Africa your senses will be awakened. Whether it is on safari where you can witness a lion kill while someone else does the driving, or hot-air ballooning across grasslands.

Perhaps you would prefer to relax in the luxury of a 5-star hotel or breathe in the night air as you lie back with nothing between you and the wilderness but the canvas of your tent. Boredom is a word seldom used in South Africa.

There are many options available to those who would like to extend their trip and make a holiday out of it. We have negotiated special packages for seminar delegates at a few of South Africa's most luxurious big 5 game reserves, some of which we have included below. For more information on any of the below or additional establishments, please contact neulah@iaati2017.co.za

Phinda









Set within easy reach of the Indian Ocean coastline and the famous iSimangaliso / Greater St Lucia Wetland Park in northern KwaZulu-Natal, &Beyond Phinda Private Game Reserve is known for its abundant wildlife, diversity of habitats and wide range of safari activities.

Forest, Mountain, Vlei and Rock lodges, named after their unique habitats, were designed to maximize their location. Homestead and Zuka complete the collection.

Getting there: Flight Cape Town to Durban. 3 hour Transfer to lodge. Getting back: Transfer 1h15 to Richards Bay. Flight to Johannesburg







Lion Sands









Situated in the Sabi Sands Conservancy with open access to the Kruger National Park, Lion Sands offers a variety of lodges. The exclusive 6 suite Ivory Lodge, the upmarket River Lodge offering 20 suites and the luxurious Tinga & Narina Lodges each offering 9 suites overlooking the Sabi River. Each lodge offers grand open spaces, subtle yet sophisticated décor, tantalising menus, legendary hospitality and of course, excellent game viewing opportunities.

Getting there: Flight Cape Town to KMIA. 2h30 hour Transfer to lodge. Getting back: Transfer Skukuza (30mins). Flight to Johannesburg

Ivory Tree Lodge







Amongst Southern Africa's fascinating game reserves, Pilanesberg National Park is possibly the most accessible. Situated in the ecologically rich transition zone between the Kalahari and the Lowveld, this vast area promises thrilling big game viewing in a malaria free environment.

Each suite in our accommodation in Pilanesberg is tastefully decorated with a range of amenities for guests' comfort and enjoyment. Décor is typical African in flavour, with warm and cool tones.

Getting there: Flight Cape Town to Johannesburg. 3 hour Transfer to lodge.

Getting back: Transfer to Johannesburg 3 hour





Sponsorship

While IAATI does not endorse any product, Corporate Partners have an opportunity to create a dialogue with a highly targeted, captive audience through multiple touch-points. Benefit packages are customised to ensure that they are aimed at achieving the specific objectives of each sponsor.

The collection of recommended sponsorship benefits are designed to increase the exposure and positioning of your organisation and its brand. We'd be happy to customise a package for you that meets your organisational objectives.

Contact us: info@iaati2017.co.za



Exhibition

A limited number of opportunities also exist for organisations wishing to purchase exhibition space. The exhibition will run from Sunday 18h00 (27th August) to Thursday (31st August) and must be removed prior to the gala banquet on the evening of 31 August. Exhibition packages are available as follows:

- Option 1: 2m x 2m stand (ZAR 10,000)
 Cost includes shell scheme 2m x 2m stand, organisation name on fascia board, trestle table and one chair as well as access for ONE (1) person to the exhibition, seminar and gala banquet. These exhibitors are placed in non prominent space within the exhibition area. Additional exhibitor tickets can be purchased at ZAR 2500 per additional person attending.
- Option 2: 3m x 3m stand (ZAR 15,000)

 Cost includes shell scheme 3m x 3m stand, organisation name on fascia board, trestle table and two chair as well as access for TWO (2) persons to the exhibition, seminar and gala. Additional exhibitor tickets can be purchased at ZAR 2500 per additional person attending.

The President's welcome reception will take place in the exhibition area on Sunday, 27 August and will serve as the official opening of the exhibition area.

All refreshment breaks as well as lunches will be served in the exhibition area to ensure maximum exposure for all organisations. There will be ample opportunity for delegates and exhibitors to network.

To book your stand now, please contact us now: email info@iaati2017.co.za

Our Gold Sponsors include:











Southern California Law Enforcement Officers recognized for Vehicle Theft Recovery Activity

By Dennis Frias, IAATI—WRC President

Sixty-one law enforcement officers from two Counties in Southern California, were recently recognized for their auto theft interdiction efforts in 2016. The Orange County and San Diego County Auto Theft Advisory Committees held separate recognition events in their respective locations, to recognize Officers from State, County and local law enforcement agencies. The Auto Theft Advisory Committees (ATAC), are chaired by the California Highway Patrol Auto Theft Coordinators for each County and composed of law enforcement and private industry organizations working to combat auto theft. The Auto Club of Southern California, Lojack and Auto Dealers Associations are major sponsors of ATAC along with several other companies.

Each law enforcement agency in the counties were asked to nominate one Officer from their organization for the auto theft recovery activity or noteworthy efforts that they performed. For larger agencies that had more than one station within the county, a separate nomination could be received for each station or district. Nominees must have been working in a regular field patrol assignment for the term of their nomination activity, and not in a task force or investigative position. Every nominee is recognized for their efforts with presentation of a plaque during an awards ceremony and brunch. Nominees family members and fellow agency personnel are invited to attend the event to honor the recipients. In addition to the nomination recognition, ATAC Committee members review all the nominations and select one Officer from each county for special recognition as the Vehicle Theft Recovery Officer of the Year.

This year the San Diego County Auto Theft Advisory Committee held their awards event on March 29, 2017 at The Prado in Balboa Park. Thirty-Three Officers from twelve law enforcement agencies in San Diego County were recognized for their actions which resulted in a total of 143 vehicle theft suspects arrested and 611 vehicles recovered for a total recovery value of \$5,508,927. Officer Bryan Baker of the San Diego Police Department, Mid-City Division, who was honored as the Officer recovering the most stolen vehicles in the entire county. In 2016, Officer Baker recovered a total of 33 vehicles. Additionally, the Auto Theft Advisory Committee made a special presentation to Tijuana Secretary of Public Safety Marco Antonio Sotomayor Amezcua. The Tijuana Police Department, working under the direction of the Tijuana Secretary of Public Safety, has played an important role in combating vehicle theft in the San Diego and Tijuana region. Cooperation between the California Highway Patrol, Mexico Liaison Unit and the Tijuana Police Liaison Unit has led to the recovery of numerous stolen vehicles and the arrest and prosecution of vehicle theft suspects. Accepting this recognition were Tijuana Secretary of Public Safety, Marco Antonio Sotomayor Amezcua, the Director of the Tijuana Police, Luis Felipe Chan Baltazar, and the Tijuana Police, International Liaison Commander, Carlos Betancourt.



San Diego County 2016 Auto Theft Recovery Officer of the Year Awards Recipients

The Orange County Auto Theft Advisory Committee held their awards event on May 10, 2017 at the Community Meeting Center in the City of Garden Grove. Twenty-Eight Officers from twenty-three law enforcement agencies in Orange County were recognized for their actions which resulted in a total of 263 vehicle theft suspects arrested and 470 vehicles recovered for a total value in excess of \$3.3 million dollars. Officer Michael Gibbons of the Santa Ana Police Department was honored as the Officer recovering the most stolen vehicles throughout the entire county, 81 vehicles, including 48 "rolling stolens," resulting in 59 arrests, with a recovery value in excess of \$780,000.

Southern California Law Enforcement Officers recognized (continued)

More information on the awards events and ATAC activities can be found on the Western States Auto Theft Investigators website at: http://www.wsati.org/atac.html



San Diego County Auto Theft Advisory Committee Chairman, Lt. Jason Penner of the California Highway Patrol, presents the 2016 San Diego County Auto Theft Recovery Officer of the Year Award to San Diego Police Department Officer Bryan Baker.



San Diego County Auto Theft Advisory Committee Chairman Lt. Jason Penner (2nd from right), presents a special recognition plaque to Tijuana Secretary of Public Safety, Marco Antonio Sotomayor Amezcua (right) the Director of the Tijuana Police, Luis Felipe Chan Baltazar, and the Tijuana Police, International Liaison Commander, Carlos Betancourt



Left: Orange County 2016 Auto Theft Recovery Officer of the Year Awards Recipients



Left: Orange County Auto Theft Advisory Committee Chairman, Lt. Michael Stefanoff of the California Highway Patrol, presents the 2016 Orange County Auto Theft Recovery Officer of the Year Award to Santa Ana Police Department Officer Michael Gibbons.

Right: California Highway Patrol Border Division Honor Guard, opens the ceremonies at the Orange County Auto Theft Advisory Committee Officer of the Year Awards.



USA: Nine Members of Hooligans Motorcycle Gang Charged in Sophisticated High-Tech Auto Theft Scheme Targeting 150 Jeeps

Source: U.S. Attorney's Office, Southern District of California, May 30, 2017

SAN DIEGO – Nine members of the Hooligans Motorcycle gang are charged in a federal grand jury indictment with participating in a sophisticated scheme to steal scores of Jeep Wranglers and motorcycles in San Diego County using handheld electronic devices and stolen codes.

According to court records, the transnational criminal organization is responsible for the theft of more than 150 Jeep Wranglers worth approximately \$4.5 million within San Diego County since 2014. The Hooligans used high-tech methods to disable security systems and steal away with Jeeps in just a few minutes, in the middle of the night, while unsuspecting owners slept nearby. After stealing the Jeeps in San Diego County, the Hooligans transported them to Tijuana, Mexico, where the vehicles were sold or stripped for parts.

Three of nine defendants are in custody, including two that were arrested today at a home in Spring Valley and at the border; the rest are fugitives believed to be in Mexico. The defendants are scheduled to make first appearances in federal court either today at 2 p.m. or tomorrow at 2 p.m. before U.S. Magistrate Judge Mitchell D. Dembin.

"The joy ride is over for these Hooligans," said Deputy U.S. Attorney Mark Conover. "For many of us, our cars are our most valuable possessions. These arrests have put the brakes on an organization that has victimized neighborhoods in a different way – by stealing something very personal. Something that required a lot of sacrifice to purchase."

FUGITIVES

"OPERATION LAST RIDE"



Narciso Zamora Banuelos, aka Chi Chi



Sebastian Garcia Ponce



Mario Alberto Echeverria Ibarra, aka Cifre



Adan Esteban Sanchez Aguirre, aka Guerito



Jimmy Josue Martinez, aka Motas



Salvador Isay Castillo, aka Guero

USA: Nine Members of Hooligans Motorcycle Gang Charged in Sophisticated High-Tech Auto Theft Scheme Targeting 150 Jeeps (continued)

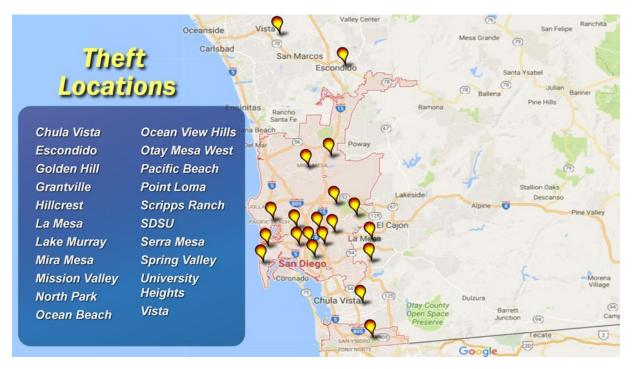
"Through the remarkable diligence and work ethic of Regional Auto Theft Task Force detectives, and the inter-agency cooperation with the FBI and the U.S. Attorney's office, a powerful case has been brought against the Hooligans gang," said California Highway Patrol Captain Donald Goodbrand, head of the multi-agency Regional Auto Theft Task Force, which cracked the case.

"The work of law enforcement and crime fighting is 24/7," said FBI Special Agent in Charge Eric S. Birnbaum. "The FBI, along with our law enforcement partners, will continue to work day and night to stop these large-scale international crime rings in order to protect our neighborhoods and the assets that are central to the everyday lives of people in our community."

The indictment alleges that the Hooligans did their homework before a theft by targeting a specific vehicle days before the actual theft would take place. They obtained the vehicle identification number in advance and then managed to get secret key codes, which allowed them to create a duplicate key for that particular Jeep. Then, during the theft, the Hooligans



disabled the alarm system, programmed the duplicate key using a handheld electronic device, and quietly drove away without notice.



USA: Nine Members of Hooligans Motorcycle Gang Charged in Sophisticated High-Tech Auto Theft Scheme Targeting 150 Jeeps (continued)

This was a method so new and technologically advanced it required investigators to exceed the ingenuity of the thieves.

In the summer of 2014, San Diego County was hit with a rash of Jeep Wrangler thefts. Almost all the thefts occurred in the middle of the night or early morning, and almost all of the Wranglers were equipped with alarms. Yet no alarms were ever triggered, and there was never any broken glass or other signs of forced entry. Agents from the Regional Auto Theft Task Force, known as RATT, at first were perplexed. But eventually they caught a break.

On September 26, 2014, a Jeep owner parked her 2014 Jeep Wrangler Rubicon in the driveway of her home in Rancho Bernardo. She returned to the driveway early the next morning to find the Jeep missing. Fortunately, the Jeep owner had recently installed a surveillance camera on her house, and it happened to be trained on the driveway.

The surveillance footage revealed that three men stole her Jeep around 2:30 a.m. by disabling the alarm and then using a key and a handheld electronic device to turn on the engine.

Based on the surveillance footage, law enforcement agents sent Chrysler a list of around 20 Jeeps that had recently been stolen in San Diego County and asked whether anyone had requested duplicate keys for the stolen Jeeps.

Sure enough, Chrysler responded that a duplicate key had been requested for nearly every one of the 20 stolen Jeeps. Moreover, nearly every one of the keys had apparently been requested through the same dealership in Cabo San Lucas, Mexico. The Jeeps' owners did not request duplicate keys and were unaware that anyone had.

After additional investigation, agents began interrupting Jeep thefts and made several arrests. Through these arrests, agents learned that the Tijuana-based Hooligan Motorcycle gang was behind the operation.

<u>DEFENDANTS</u>	AGE	CITY
*Jimmy Josue Martinez	31	Tijuana, Mexico
*Mario Alberto Echeverria-lbarra	30	Tijuana, Mexico
Henry Irenio Pulido	24	Imperial Beach, California
Alejandro Guzman	23	Tijuana, Mexico
*Narciso Zamora Banuelos	29	Tijuana, Mexico
*Adan Esteban Sanchez Aguirre	26	Tijuana, Mexico
*Salvador Isay Castillo	21	Tijuana, Mexico
Reynaldo Rodriguez	33	San Diego, California
*Sebastian Ponce	20	Tijuana, Mexico

^{*}Fugitives

USA: Nine Members of Hooligans Motorcycle Gang Charged in Sophisticated High-Tech Auto Theft Scheme Targeting 150 Jeeps (continued)

Summary of Charges

Conspiracy to Commit Transportation of Stolen Vehicles in Foreign Commerce, in violation of 18 U.S.C. 371; Maximum Penalty Five years in prison

Agencies

Regional Auto Theft Task Force, which includes the following agencies:

U.S. Border Patrol

California Highway Patrol

National Insurance Crime Bureau

California Department of Insurance

California Department of Motor Vehicles

San Diego County District Attorney's Office

San Diego County Probation Department

San Diego County Sheriff's Department

Homeland Security Investigations' Immigration and Customs Enforcement

and police departments from La Mesa, Chula Vista, National City, Oceanside and San Diego.

Federal Bureau of Investigation

Agencies assisting with arrests include U.S. Marshals and San Diego Fugitive Task Force

Source: https://www.justice.gov/usao-sdca/pr/nine-members-hooligans-motorcycle-gang-charged-sophisticated-high-tech-auto-theft

To see the NBC 7 News report on this story visit: http://www.nbcsandiego.com/news/local/US-Attorney-Announces-3-Arrests-6-Outstanding-Suspects-in-Auto-Theft-Ring-in-San-Diego-County-425380374.html

New Southeast Regional Chapter President

Congratulations to Henry Beck who, earlier this year, was appointed 2017 President of the Southeast Regional Chapter.



USA: Just a Pair of These \$11 Radio Gadgets Can Steal a Car

By Andy Greenber, Wired.com, April 24, 2017

For years, automakers and hackers have known about a clever attack that spoofs the signal from a wireless car key fob to open a vehicle's doors, and even drive it away. But even after repeated demonstrations—and real thefts—the technique still works on a number of models. Now a team of Chinese researchers has not only demonstrated the attack again but also made it cheaper and easier than ever.

A group of researchers at the Beijing-based security firm Qihoo 360 recently pulled off the so-called relay hack with a pair of gadgets they built for just \$22. That's far cheaper than previous versions of the key-spoofing hardware. The Qihoo researchers, who recently showed their results at Amsterdam's Hack in the Box conference, say their upgrade also significantly multiplies the radio attack's range, allowing them to steal cars parked more than a thousand feet away from the owner's key fob.

The attack essentially tricks both the car and real key into thinking they're in close proximity. One hacker holds a device a few feet from the victim's key, while a thief holds the other near the target car. The device near the car spoofs a signal from the key. That elicits a radio signal from the car's keyless entry system, which seeks a certain signal back from the key before it will open. Rather than try to crack that radio code, the hacker's devices instead copy it, then transmit it via radio



Photo: QIHOO 360 TEAM UNICORN

from one of the hackers' devices to the other, and then to the key. Then they immediately transmit the key's response back along the chain, effectively telling the car that the key is in the driver's hand.

"The attack uses the two devices to extend the effective range of the key fob," says Jun Li, one of the researchers in the Qihoo group, who call themselves Team Unicorn. "You're working in your office or shopping in the supermarket, and your car is parked outside. Someone slips near you and then someone else can open up and drive your car. It's simple."

Speaking the Language

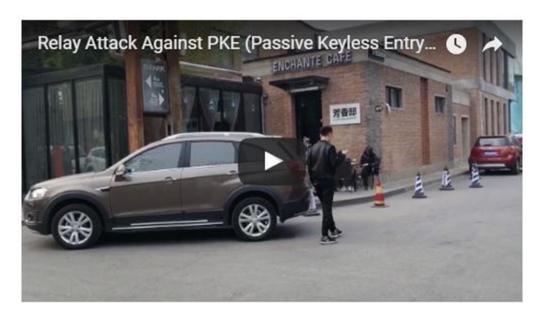
That relay attack on keyless entry systems dates back to at least 2011, when Swiss researchers pulled it off with multi-thousand-dollar software-defined radios. Last year, researchers at the German car-owners group the <u>ADAC showed they could achieve</u> the same results with what they described at the time as just \$225 in equipment. They also found that it still worked on 24 different vehicles. Given the broad scope of the problem and the rarity of software or hardware automotive security fixes, many of the cars and trucks on their list—sold by companies ranging from Audi to BMW to Ford to Volkswagen—likely remain vulnerable to the attack.

But Team Unicorn has taken radio relay theft a step further. Instead of merely copying the raw radio signal and sending it whole, they built their own custom devices that include chips to demodulate the signal, unpacking it into ones and zeros. That reverse engineering, they say, means they can send the decomposed signal bit by bit at a much lower frequency, which allows longer range signals—1,000 feet compared with 300 feet in the ADAC tests—while using less energy. The hardware also comes much cheaper. In total, the Beijing-based researchers say they spent about 150 Chinese yuan on chips, transmitters, antennas, and batteries for both devices. That's about \$11 each.

USA: Just a Pair of These \$11 Radio Gadgets Can Steal a Car (continued)

It's particularly impressive that the team reverse-engineered the signal, says Samy Kamkar, a well-known independent security researcher who has himself developed his own keyless entry hacks. "The original attacks took a tape recorder and hit record, and then played it back," says Kamkar. "These guys understand the language: It's like they write down the words and speak it on the other end." That distinction could lead to more research into vulnerabilities in the protocol.

Watch the researchers demonstrate their attack in the video below: (https://youtu.be/bXfp8F4|2el)



Cheap and Easy

In their tests, the Qihoo researchers say they were able to remotely open the doors and drive off with two vehicles: A Qing gas-electric hybrid sedan from the Chinese automaker BYD and a Chevrolet Captiva SUV. But the researchers emphasized that the problem reaches further than the two vehicles they tested. They point instead to NXP, the Dutch chipmaker that builds the keyless entry system used in the Qing, Captiva and dozens of other vehicles. They also emphasized that NXP likely isn't alone in leaving vehicles vulnerable to the attack.

"The industry is aware that the complexity and cost associated with mounting a relay attack has dropped over recent years," says NXP spokesperson Birgit Ahlborn. "Carmakers and car access system integrators are introducing solutions that counter these attacks." But the company referred any questions about existing vulnerabilities in specific cars to the carmakers themselves. Neither BYD nor Chevrolet has yet responded to WIRED's request for comment.

Qihoo's researchers suggest that carmakers and component companies like NXP could prevent the relay attack by requiring tighter timing constraints in the call-and-response communications between key and car. Relay the signal from too far, and those limits could prevent the fraudulent transmission from being accepted.

The other method to foil the attack falls to the car owner: Keep your keys in a Faraday bag that blocks radio transmissions—or, in a pinch, in a metal box, like a fridge, that performs the same function. Storing your keys in the equivalent of a tin-foil hat may sound paranoid. But if the Chinese researchers' work is any indication, attacks on automotive keyless entry systems may get significantly easier—and more common—before they get fixed.

Source: https://www.wired.com/2017/04/just-pair-11-radio-gadgets-can-steal-car/

USA: NICB's 2016 Hot Spots Vehicle Theft Report

Anchorage, AK and Billings, MT Metro Areas Make First-Time Appearance in Top 10

Source: NICB Media Release, June 8, 2017

The Albuquerque, N.M. metropolitan statistical area (MSA) had the highest per capita auto theft rate in 2016 according to the National Insurance Crime Bureau's (NICB) latest Hot Spots report.

Hot Spots examines vehicle theft data obtained from the National Crime Information Center (NCIC) for each of the nation's MSAs. MSAs are designated by the Office of Management and Budget (OMB) and often include areas much larger than the cities for which they are named. For example, this year's number one spot, the Albuquerque, N.M. MSA, includes all thefts within the entire county of Bernalillo, not just the city of Albuquerque.

After rising to number two on the Hot Spots list last year, Albuquerque was chosen as the site of NICB's annual insurance fraud and vehicle theft summit in the fall. Local and state authorities gathered to discuss the growing vehicle theft problem and address efforts to combat the problem in 2017. NICB recently ran billboard messages in the city aimed at reducing the theft rate.

New to the top 10 this year, the metro areas of Anchorage, Alaska (No. 6) and Billings, Mont. (No. 10). As a population-based survey, an area with a much smaller population and a moderate number of thefts can—and often does—have a higher theft rate than an area with a much more significant vehicle theft problem and a larger population to absorb it. Which is how Billings, with 877 thefts, places 10th while Los Angeles, with 60,670 thefts places 35th.

For 2016, the 10 MSAs with the highest vehicle theft rates were: (thefts in parentheses)

	2016 Ranking		2015	Ranking
1.	Albuquerque, N.M.	(10,011)	2.	(6,657)
2.	Pueblo, Colo.	(1,325)	7.	(983)
3.	Bakersfield, Calif.	(7,176)	3.	(6,000)
4.	Modesto, Calif.	(3,820)	1.	(4,072)
5.	Riverside-San Bernardino-Ontario, Calif.	(25,708)	9.	(25,001)
6.	Anchorage, Alaska	(2,273)	47.	(1,359)
7.	Merced, Calif.	(1,605)	21.	(1,132)
8.	San Francisco-Oakland-Hayward, Calif.	(29,414)	5.	(30,554)
9.	Fresno, Calif.	(5,682)	13.	(5,149)
10.	Billings, Mont.	(877)	21.	(775)

Each year the FBI releases preliminary Uniform Crime Report (UCR) data for the previous year's January–June time frame. When the preliminary 2016 crime data was released earlier this year, vehicle theft was up 6.6 percent across the nation. That increase is reflected in today's *Hot Spots* report and is expected to hold when the final UCR 2016 crime data is published in the fall.

For comparison, over the page is a table showing the preliminary UCR vehicle theft data, the percent change from the previous year, and the final UCR vehicle theft figure.

Overall, vehicle theft is down, dramatically, across the nation. The historic peak year for vehicle theft was 1991, with 1,661,738 reported thefts. In 2015, the total was 707,758. That is a 57.4 percent reduction since 1991.

While the final result for 2016 is expected to be higher than 2015's number, the vehicle theft environment across the country is vastly improved from the 1990s.

USA: NICB's 2016 Hot Spots Vehicle Theft Report (continued)

Year	Preliminary UCR % Change	Final UCR Vehicle Theft Total
2016	+6.6	_
2015	+1.0	707,758
2014	-5.7	689,527
2013	-3.2	699,594
2012	+1.7	721,053
2011	-5.0	715,373
2010	-7.2	737,142
2009	-17.2	795,652
2008	-13.1	958,629
2007	-7.4	1,095,769

But it could be much better if vehicle owners just followed simple security advice.

In a <u>report published last October</u>, NICB found that for the years 2013 through 2015, a total of 147,434 vehicles were reported stolen with the keys left in them—57,096 in 2015 alone. With the debut of "smart keys" in 1997 and all of the improved anti-theft technology since, it is worthless if drivers continue to leave their keys in the car or leave their vehicles running, unattended, while they make a quick stop at a convenience store.

Vehicle manufacturers, law enforcement and legislatures have been responsive to the crime of vehicle theft over the years and the results are evident. Vehicle owners must guard against complacency and remember to heed simple tips to safeguard their vehicles. The full *Hot Spots* report is available at www.nicb.org. See the *Hot Spots* video here.

NICB recommends that drivers follow our four "layers of protection" to guard against vehicle theft:

Source: https://www.nicb.org/newsroom/news-releases/2016-hot-spots-vehicle-theft-report

UK: Car thieves not just interested in expensive cars

By Kate Richards, behindthewheel.com.au, May 12, 2017

One in three cars stolen worth less than \$9,000...

Car owners have been warned to fall for the belief that an older car is less likely to be targeted by car thieves.

2016 UK car theft data has just been released and shows as many as 32% of all stolen vehicles were valued at less than £5,000 (around \$8,700 AUD).

The data comes from the stolen vehicle recovery business, TRACKER, which also found the average value of cars stolen last year was down 13% on 2015.

The most expensive car recovered by the service last year was a Mercedes-Benz G63 AMG worth around \$210,000 AUD.

Andy Barrs is a former police officer, now he's the Head of Police Liaison at TRACKER, he tells us all car owners need to be mindful that they could be a target. "Many vehicle owners think car thieves typically target high end prestige cars, yet our data tells us that criminals continue to target more affordable, popular brands.

"If people think their car isn't worth enough for thieves to steal it, think again."

Source: http://behindthewheel.com.au/car-thieves-not-just-interested-expensive-cars/

UK: Prestige cars no longer passé with car thieves

By Tracker, May 11, 2017

A whopping 32% of all stolen vehicles recovered by TRACKER in 2016 were valued at less than £5,000. The age, mileage and even brand of a vehicle doesn't appear to matter to vehicle thieves as much as motorists may think, which should serve as a stark warning to the average car owner, advises stolen vehicle recovery expert, TRACKER.

Interestingly, confirming the demise of the prestige car as the thieves' number one target, the average value of cars stolen and recovered by TRACKER in 2016 was just over £16,000, down from over £19,000 in 2015 – a 13% drop in value. Over £11.5 million worth of stolen vehicles were returned by TRACKER to their rightful owners last year, a notable 10% year-on-year increase for TRACKER.

Whilst the most expensive car recovered by TRACKER in 2016 was a Mercedes-Benz G63 AMG worth £120,000, the reality is that less than 1% of stolen vehicles TRACKER recovers are worth between £75,000-£120,000.

Andy Barrs, Head of Police Liaison at TRACKER and a former Chief Superintendent for South Yorkshire Police, comments, "Understandably, many vehicle owners think that organised car thieves typically target high end prestige cars. Yet our data tells us that criminals continue to target more affordable, popular brands, such as Ford, Vauxhall, and VW models. Indeed, these were stolen in record numbers last year, with the lowest value car stolen and recovered being a VW Golf worth £400.

"If people think their car isn't worth enough for thieves to steal it, think again. 3 out of 4 stolen cars we recovered were worth less than £20,000. The message for all motorists is to protect their car from thieves or as we say at TRACKER – if you love it, track it!"

Percentage of vehicles stolen and recovered by TRACKER, by value		
£1000 or less	3%	
£1001-£5000	29%	
£5001-£10,000	17%	
£10,001-£15,000	11%	
£15,001-£20,000	11%	
£75,000-£120,000	0.8%	
£10,000 or less 49%		
£20,000 or less 72%		
£20,001-£74,999 28	3%	

Unlike other devices, TRACKER's unique technology can locate stolen vehicles anywhere, even when they are hidden in a garage or shipping container. TRACKER has been reuniting car lovers with their vehicles for over 20 years, and it's this expertise which makes TRACKER the leader in stolen vehicle recovery. TRACKER stolen vehicle recovery systems work like an electronic homing device. A covert transmitter is hidden in one of several dozen places around the vehicle. There is no visible aerial, so the thief won't even know it's there.

Source: http://www.tracker.co.uk/news/press-releases/prestige-cars-no-longer-passe-with-car-thieves/

Did you know?

That as a financial member you can always access past issues of Auto Theft Today or APB from the Resources menu on the new website. Once you visit the website (www.iaati.org) you will need to log onto the members only section using your username and password.

The new international website also contains a range of other important documents including our Constitution and By-laws, SOPs, our 2015-20 Strategic Plan, Legislation Update, Corporate Partner Program , minutes form our AGMs, plus training material from past seminars and Certification reading materials.

Just log into the Account section of the website to access all this and more.



UK: More than 350,000 vehicle crimes in 2016

Source: Economic Voice, June 15, 2017

Vehicle crime has become a way of life for many opportunist criminals and thieves. It's one of the most preventable crimes, yet many forget to take the necessary and simple precautions to avoid becoming a victim. Check out the map below to see where most vehicle crimes occur.

Utilising data derived from data.police.uk, Click4Reg.co.uk investigated the total number of vehicles crimes that were recorded by 43 police forces/ constabularies across the UK in 2016. Vehicle crime per the police is classified as "theft from or of a vehicle or interference with a vehicle".

The research revealed that the Metropolitan Police in London had the highest number of vehicle crimes recorded in 2016 at an alarming 89,900. The Metropolitan Police was followed by West Midlands Police, who reported 29,106 vehicle crimes. In third place was Greater Manchester Police, with 24,298 vehicle crimes recorded in 2016.

On the other end of the scale, City of London Police had the lowest number of vehicle crimes reported at 177. Just above City of London Police was Dyfed-Powys Police who recorded 1,103 cases of vehicle crime in 2016.

Figures from the Office of National Statistics (ONS) also provide interesting insight into the prevalence of vehicle crime. According to the ONS, 71% of all vehicle-theft occurs during the week and night is popular time, with 43% occurring during this period of the day. Shockingly, 43% of all vehicle-related theft occurs because drives do not adequately lock their doors.

Ben Leonard, Managing Director of Click4Reg.co.uk commented:

"The figures are certainly fascinating. Vehicle crime is certainly more prevalent than anyone would expect.

Vehicle Crime In 2016 90,000 -11,000 17 City Of London 43 Police Force/ **Total Number of Vehicle** Police Force/ Total Number of Vehicle Constabulary Crimes In 2016 Constabulary Crimes In 2016 1 Metropolitan Police Service 89.900 22 West Mercia Police 5,596 West Midlands Police 29.106 23 **Bedfordshire Police** 5.552 Cambridgeshire Constabulary Greater Manchester Police 24.298 5.021 Staffordshire Police West Yorkshire Police 24,275 4,886 Thames Valley Police 13,174 Surrey Police 4,722 6 South Yorkshire Police 12,917 27 Devon & Cornwall Police 4,679 **Essex Police** 12,561 28 Warwickshire Police 3.813 Avon and Somerset Constabulary Cleveland Police 11.735 3.696 3,549 Kent Police 10,700 **Gwent Police** 10 Lancashire Constabulary 9,985 **Dorset Police** 3,418 11 Hampshire Constabulary 9.253 32 Suffolk Constabulary 3,216 Merseyside Police South Wales Police 12 9.083 33 Cheshire Constabulary 3,214 3,145 8,703 13 34 Wiltshire Police 2,946 Leicestershire Police 8.175 35 Gloucestershire Constabulary Nottinghamshire Police 6,934 36 Lincolnshire Police 2,907 16 Hertfordshire Constabulary 6,797 37 Durham Constabulary 2,689 17 18 Northumbria Police 6.605 38 Norfolk Constabulary 2.356 2,269 Sussex Police 6,115 North Yorkshire Police 39 40 North Wales Police Derbyshire Constabulary 5,973 1,868 5,853 1,183 Northamptonshire Police 41 Cumbria Constabulary **Humberside Police** 42 Dyfed-Powys Police 1,103 5,627 43 City of London Police 177

Whilst unfortunate, there are various effective actions that drivers can take to safeguard their vehicle from any potential crime. All drivers should aim to make simple steps such as locking doors and removing all valuable possessions when not in their vehicle a habit. Making such behaviours a daily routine, will go a long way in protecting driver's vehicles from opportunist criminals and thieves. Overall, more awareness and precaution from drivers can go a significantly long way in reducing the numbers of vehicle crime across the UK".

Source: https://www.economicvoice.com/more-than-350000-vehicle-crimes-in-2016/

UK: Illegal vehicle scrapping 'costs industry £250m'

By Corin Williams, Materials Recycling World, 12 June, 2017

The Motor Vehicles Dismantlers Association (MVDA) has warned that there could be more illegal than legal car scrapping operations in the UK, at the cost of around £250m to legitimate businesses.

Speaking to MRW in the wake of the <u>Environmental Services Association (ESA)</u> waste crime report published in May. MVDA secretary Charles Ambrose said a survey conducted by the trade body in 2015 had revealed more than 825 illegal vehicle dismantlers in the UK.

"There are only 1,450 'active' permitted vehicle recyclers in the UK, so it's likely that the number of illegal operators now exceeds the number of legal operators," he added.

The MVDA also found 190 suspected illegal dismantlers using an Environment Agency (EA) exemption, which allows parts from depolluted end-of-life vehicles to be reused – known as U16 exemptions.

The association is concerned about the ease of obtaining U16 exemptions. In 2016, the MVDA took just 10 minutes to obtain approval for a U16, which was "never followed up by the EA".

The ESA report, drafted by Eunomia, estimated waste crime to cost the UK more than £600m.

Ambrose said the true figure, taking into account illegal vehicle dismantling and tyre crime among other issues, was likely to be significantly greater.

He said: "The MVDA estimates that the revenue to illegal vehicle dismantlers is probably in excess of £250m a year. Not an insignificant amount of money.

"Practical Government regulation of the waste industry cannot be done on a shoe-string and the absolute priority must be to focus on illegal waste operators.

"If the law needs changing to achieve that, then so be it. The alternative is a continued withdrawal of investment by permitted operators and a slide into illegality."

Source: https:// www.mrw.co.uk/latest/ illegal-vehicle-scrappingcosts-industry-250m/10020691.article



Europe: Allianz researchers working with car makers on cyber security

By Warwick Ashford, Security Editor, www.computerweekly.com, 11 May 2017

Allianz Germany is working with the local car manufacturing industry to highlight the vulnerabilities in the electronics systems of vehicles that can be exploited by criminals

As the number of electronic systems in cars has increased, they have become more vulnerable to cyber attack, according to Stephan Gerhager, chief information security officer at Allianz Germany.

"I started a research project into these vulnerabilities because, as insurers, we wanted to understand how vehicles are protected from criminals," he told the European Identity & Cloud Conference 2017 in Munich.

As a result of the research project that was inspired by the highly publicised remote hacking of a Jeep Cherokee by security researchers Charlie Miller and Chris Valasek in 2015, Allianz is working with car manufacturers to improve the security of vehicles' electronic systems.

Modern vehicles typically have 100 or more electronic control units (ECUs) interacting with each other for the functioning of sensitive systems such as braking and other safety features.

But rarely do these systems have any form of identity management, authentication or encryption, the research has revealed.

"The challenge for auto makers is to bring all these things together on a layer above the base layer [which is optimised for speed], but there is still a lot of work to be done in this regard" said Gerhager.

As demonstrated by the Jeep Cherokee hack, vehicle entertainment systems are a potential way in for cyber criminals, he said, because they sit on the controller area network (Can) bus.

By accessing the Can bus, attackers are able to send commands to the various other systems that sit on the Can bus, which is one of the main ways car systems communicate with each other.

Just by overriding one of the car's sensors or inserting a fake sensor, Gerhager said attackers are able to get around safety systems to operate the brakes and steering systems at speed.

"Anyone who is on the Can bus can talk to anybody else on the bus because there are no authentication mechanisms to help confirm the source of any command or signal, and it also means that it is easy to carry out denial of service [DoS] attacks on those bus systems by blocking all communications.

Another challenge to cyber security for vehicles is the fact that some of the software used nowadays runs into billions of lines of code, Gerhager said, which means there bound to be flaws that can be exploited.

"But unlike popular business applications, there is no regular and automatic software security updates," he said.

Gerhager's researchers were able to build an inexpensive electronic device to connect to the car to "sniff" internal commands using the open source Wireshark packet analyser software. Once commands have been captured, they can be replayed to issue commands to the car's various systems.

Common vulnerabilities

Allianz has worked with the German police on investigations into car theft gangs that used dongles that plug into cars to put some cars into "repair mode", which enabled them to pair the car with a new key.

The researchers have also advised some car makers to remove detailed repair guides from the internet because they were able to use these documents to breach the cars' internal communication systems.

Europe: Allianz researchers working with car makers on cyber security (continued)

Remote access to modern cars through Bluetooth is also a potential route into the car's systems, said Gerhager, as are the wireless communications used to lock and unlock car doors.

"Attackers can either jam signals to trick car owners into thinking they have locked the car door or where signal sequences are repeated in quick succession, only the first signal is allowed to go through while the subsequent ones are jammed and recorded for later use," he said.

The researchers have also been able to capture wireless key signals which enabled them not only to access the vehicles, but start the engines and drive away as no physical key was required.

Gerhager believes that to solve these and other common security issues, the basic infrastructure of all modern cars will have to be updated and changed. "But this will take years, and that is why we really have an issue at the moment," he said.

However, he said some manufacturers such as Tesla are ahead of others because they have developed their own IT system, made some provision for security updates, use a closed system with no third-party software, and they allow for over-the-air software updates.

On a positive note, he said all the big car makers are aware of the most common vulnerabilities and have begun looking at ways of separating user functions from the internal car functions.

Source: http://www.computerweekly.com/news/450418602/Allianz-researchers-working-with-car-makers-on-cyber-security

UK: Motorists could be HACKED by cyber 'clampware' stranding cars and forcing you to pay to move

By Joe Finnerty, Digital Motors Editor, The Sun, May 16, 2017

Drivers could be stopped in their tracks and forced to pay to move by hackers using 'clampware' attacks, experts have warned.

Cyber criminals would target software defects in radios, engine control units (ECUs) and on-board WiFi to immobilise cars and hold motorists to ransom at the roadside.

Drivers would then face the choice of whether to pay up to release their car or be left stranded, waiting for assistance.

The warning comes in the wake of the WannaCry cyberattack which took out the the majority of the NHS computer system and experts believe it's only a matter of time before car software is targeted on a wider scale.

Controlled demonstrations have already been displayed in the US while several recent cases showed how cars were stolen from driveways in the UK by hacking into keyless systems.



Experts are warning hackers will target drivers in 'clampware' attacks

UK: Motorists could be HACKED by cyber 'clampware' stranding cars and forcing you to pay to move (continued)

The advent of driverless cars, vehicles connected to city infrastructure and cloud-based infotainment systems all offer criminals more ways than ever to take over our motors.

Professor Martyn Thomas, IT professor at Gresham College, London said: "What is going to happen when ransomware becomes 'clampware', attacking automobile software through the vehicle's radios, phones and other networks?

"Who will be responsible for rescuing stranded motorists and how long will it take? Or will we all just have to pay what the criminals demand to release the car, lorry or ambulance?"

Software engineers often rely on a "test-and-fix" approach to cyber security but that would be even more dangerous in a car than a regular laptop.

Prof Thomas added: "A modern car contains tens of millions of lines of software – which with current software industry standards means many thousands of software defects.

"We need a radically different national cyber security strategy – one that maps out a route towards a world where software products are certifiably secure and where software manufacturers provide enforceable guarantees."

The car industry is taking a proactive approach to hacking threats with security experts Thatcham Research working with Government and other specialists to draw up a basic framework and safety standard for manufacturers to adhere to.

One solution could be to introduce computer-style anti-virus systems within the car's coding to lock out cyber criminals before they're able to take control.

Andrew Miller, chief technology officer at Thatcham Research, said: "As cars become more connected, they also become more vulnerable to cyber attack.

"We are working with key members of the automotive industry to develop a cyber-security standard, much like the Euro NCAP star safety rating system.

"This will give drivers assurance that connected autonomous vehicles have been designed and tested to meet exacting cyber security standards."



Source: https://www.thesun.co.uk/
https://www.thesun.co.uk/
https://www.thesun.co.uk/
https://motors/3573666/motorists-could-be-hacked-by-cyber-clampware-stranding-cars-and-forcing-you-to-pay-to-move/

Industry is working hard to fight back and get ahead of cyber criminals

Ireland: Garda's BMW stolen as professional European crime gang targets Irish car owners in fresh car-hacking crime wave

By Stephen Breen, The Irish Sun 4th May 2017

GARDAI are hunting a professional European crime gang behind a car-hacking crime wave sweeping across Ireland.

And the brazen thieves have taunted investigators after an officer's BMW 520 Series vehicle was stolen from his home in Ratoath, Co Meath, in the early hours of the morning.

Investigators believe the hoods used gadgets that allow thugs to steal cars without breaking into them are for sale on the internet for as little as \in 35.

One common method of car theft is 'signal jamming' — a device which blocks unsuspecting drivers from locking their motor with the remote fob.

But with no sign of 'violent or forcible entry', insurance firms won't cough up.

It's the second time a guard has been targeted by a car theft gang in the last year.

A source said: "These criminals are very professional and have been operating all over Europe for the last year.

"They hadn't been seen in Ireland for some time but it looks as if they're back again. Their main targets are people with BMW cars.

"Once they steal the cars, the vehicles are then smuggled to the north before eventually ending up in Eastern Europe after they have been cloned."

The gadgets can block the signals of remote keys

Another victim, targeted in Swords, north Co Dublin, told the Irish Sun: "The break-in happened in mid-December between 7am and 10.30am on a Saturday morning.

"It was still totally dark when I parked. Over €4,000 of (photography) stuff was taken from the boot and glove compartment.



The gadgets can block the signals of remote keys

"Gardai in Swords told me about the signal jammer, which can be bought online for €35. But the insurance firm refuses to pay out because there was no sign of 'violent or forcible entry'."

Retired Detective Sergeant Finbarr Garland, former head of the Garda Stolen Vehicle Unit told how car-hacking crimes are on the rise.

He said: "I've heard about these gadgets being used to override the signal.

Garland, now a customer safety officer with DoneDeal.ie, added: "Motorists can only do so much to protect their vehicles.

"The criminals are getting more and more hi-tech. Motorists and the industry need to be aware of that."

We told in February how insurance companies are refusing to pay out to victims of a car-hacking crime wave that is now sweeping Ireland.

Source: https://www.thesun.ie/news/952676/gardas-bmw-stolen-as-professional-european-crime-gang-targets-irish-car-owners-in-fresh-car-hacking-crimewave/

UK: MET Police Video Shows How Easy It Is To Steal Scooters

By Visordown.com, 23 June, 2017

Met urges scooter and motorcycle owners to use more security

LONDON'S Metropolitan Police have today launched a campaign that aims to prevent scooter theft in London, by urging riders to use more security to deter thieves.

The campaign's key message is: The more visible the security, the less visible your scooter is to thieves: adding extra security makes it harder for them to steal.

The campaign was launched this morning by Metropolitan Police Commissioner Cressida Dick in Westminster – a borough that's plagued by bike thieves. Officers will also be out speaking to motorcyclists and scooter riders about properly securing their vehicles.

The campaign's main focus is on scooter riders, who are less likely to use strong security devices or use inadequate security, if any at all, which makes it easy for thieves to steal scooters to use in robberies, or to help in the theft of other bikes in London.

Security measures alone might not deter a thief, but a bike with more than one device is less attractive to a thief because it takes more time and effort to steal – as highlighted in the police's video for this campaign.

While trying to educate motorcycle and scooter owners about improving their approach to security is a positive move, it's hard not to question whether a campaign is enough.

We don't think so; if the Metropolitan Police is serious about getting on top of motorcycle crime, it needs to start using more aggressive tactics - chasing riders without helmets would be a good place to start, as would knocking down the doors of known theft gangs, before London's theft-stricken motorcycle owners start doing it themselves.



UK: MET Police Video Shows How Easy It Is To Steal Scooters (continued)

Metropolitan Police Commissioner, Cressida Dick said:

'We are hugely grateful for all the support we have received over the last weeks and months following the awful events here in London and the overwhelming desire of our public to help us. I would say to all of you – one of the best things that Londoners can do to support us is to follow our advice in taking care of your property and help us stop crime before it happens.

This campaign is about encouraging scooter owners to do everything they can to adequately secure their vehicle against its theft and its subsequent use to commit thefts and violent robberies against the public.

"Police are working hard to make the streets hostile territory for reckless criminals who endanger lives, but it is the easy availability of scooters that is driving the rise in scooter enabled crime. So, I urge all riders: properly secure your scooter to reduce its risk of theft. If everyone plays their part, we can thwart these thieves.'

Steve Kenward, CEO of the Motorcycle Industry Association (MCIA) said:

'The MCIA is pleased to support this campaign to help riders make their bikes more secure. All riders must play their part in tackling motorcycle and scooter theft by taking sensible security measures when parking – using two or more high quality locks will help to deter opportunistic thieves. Our message is simple – protect your bike by layering your security!'



View the video at: https://youtu.be/7wn7w9anbJ0

Source: http://www.visordown.com/motorcycle-news-general-news/watch-met-police-video-shows-how-easy-it-steal-scooters

Ireland: UK tractor auction giant ups its game against theft

By Sylvester Phelan, www.agriland.ie, May 16, 2017

Cheffins, which claims to host the world's biggest monthly tractor, machinery and plant sale, has announced new, close cooperation with The Equipment Register(TER) in efforts to safeguard against fraud and theft.

The two companies are to host an open event to mark the collaboration at Cereals (the UK tillage event) on Wednesday, June 14, 2017.

TER is now present at Cheffins auctions, analysing all lots against its database, to reduce the chance of a sale involving stolen machinery.

TER's database is the biggest in the UK for plant and equipment theft, with an average claimed success rate of one in 11 searches resulting in a match.

"We are delighted to be working alongside Cheffins and hope that our collaboration will encourage due diligence in the industry," TER Manager, John Deverell CBE, said on the matter.

Paul Claydon, Director of Cheffins Machinery Sales, also commented on the subject, saying: "We have always run extensive security checks on any items which we sell through our auctions at Cheffins and only offer machinery from reputable vendors.

"However, by teaming up with TER, we can offer our purchasers another level of confidence that anything they buy through us is security-cleared and has been checked both through the HPI [vehicle history checking company] and the police database of stolen equipment."

Cheffins' second-hand machinery sales continue to prosper with sales up on average by 40% month-on-month compared to 2016, according to the company.

As stated on its website, TER assists law enforcement agencies with the identification and recovery of stolen plant and equipment. The company objective is to reduce equipment theft by keeping accurate records of machine ownership.

Of Irish significance, TER is able to track stolen machinery from the UK to Ireland, mainland Europe and other countries further afield, ensuring that the stolen equipment is not sold on.

Machinery has been recovered by TER previously in the Republic of Ireland and in Northern Ireland.

Source: http://www.agriland.ie/farming-news/uk-tractor-auction-giant-ups-its-game-against-theft/



Applied DNA Sciences Fighting International Gang Collaboration for Car Theft in Europe

Source: http://m.kauno.diena.lt/naujienos/kaunas/miesto-pulsas/kauno-policija-jau-apginkluota-revoliuciniu-svedu-isradimu-810130

STONY BROOK, NY. May 15, 2017 – Applied DNA Sciences, Inc. ("Applied DNA," NASDAQ: APDN), a provider of DNA-based supply chain, anti-counterfeiting and anti-theft technology, product genotyping and DNA mass production for diagnostics, is helping break up international gangs of car thieves.

BMW implemented a mandatory DNA marking program in Sweden for new vehicles in February 2016. Supported by multiple insurance brands, the program has proven effective in curbing thefts by over 80% and facilitating prosecution of "chop shop" criminals. To gangs with international distribution networks, the collective value of a chopped car's components can be worth more than the car previously sold as new and intact. Once marked with SigNature® DNA, components can be traced back to a specific vehicle, and there have been numerous cases where this has assisted police already.

A recent investigation revealed that of 60 stolen car parts found in Lithuania, 17 were marked with SmartDNA (the Scandinavian brand of SigNature DNA) and so could be traced back to their source and original owner.



According to SmartDNA's Leif Svensson, the creation of this program was necessitated by the increasing rate of car part theft in Sweden.

"Last year alone, our country was due to start about 3 thousand pre-trial investigations for car theft. And in each case, the victim's or insurance company's losses amounted to between 15 and 20 thousand euros. Therefore, it was decided to spare no investment in new technologies – mandatory for all new BMW cars and marking systems," said Svensson, highlighting the fact that Swedish authorities detained 39 Lithuanians for car part theft in 2016.

"This is the message to thieves...DNA technology will be available anywhere, because the police are without borders," stated Aleksejus Gubenko, Kaunas County Police 3rd Division Chief. Gubenko demonstrated the technology at a media conference, and explained how their colleagues from Sweden donated equipment that will become an antidote for various forms of theft.

Tony Benson, Managing Director for Applied DNA Sciences Europe, further added: "It is well known that stolen car parts are shipped around the world and often sold on the internet at a bargain price. When customers purchase our SigNature DNA marker they are also buying a security intelligence service, since when stolen car parts are recovered we carry out forensic analysis and map where the items are stolen from and the location they were found, and so build up an intelligence picture which we then share with law enforcement agencies enabling them to capture not only the initial car thieves but the whole international criminal supply chain. To give you an idea of the scale of our security intelligence, we have carried out forensic analysis on thousands of items recovered by law enforcement agencies enabling the imprisonment of 114 individuals who have received prison sentences of over 540 years with many more cases in the pipeline which makes a significant difference."

Dr. James Hayward, president and CEO of Applied DNA stated: "Imagine the irony of a bargain-hunting car enthusiast, hunting the web for bargain "original parts" that do not void the manufacturer's warrantee. These are original, but stolen parts that are likely abused as they traverse the criminal supply chain. Worse, the system promulgates collaboration in gang-based enterprises that can fund other activities with more deleterious impact on humanity."

Source: http://adnas.com/2017/05/15/applied-dna-sciences-fighting-international-gang-collaboration-car-theft-europe/

UK: eBay car scam - Thieves are conning motorists out of thousands online, here is how

By Luke John Smith, www.express.co.uk, May 9, 2017

Thieves are allegedly using auction site eBay to sell stolen vehicles under the identity of a legitimate car, the BBC has found.

Con artists – dubbed "scum of the earth" by one victim – have scammed eBay buyers out of thousands of pounds.

At least three vehicles in Greater Manchester were involved in the new con.

One victim, a retired police officer, was conned out of £17,000 buying a Mercedes from a seller in Rochdale.

Former copper Graham Murray reported the incident to the police, but says no action has been taken. The offenders have still not been caught.

Speaking to the BBC, Mr Murray said: "The police have known about this gang since January.

"As a former police officer I'm absolutely disgusted. How can you have any trust in the police?"

Mr Murray said the eBay seller requested he pay with cash on collection, rather than use the website's secure online payment system.



eBay con artists are scamming motorists out of thousands of pounds online. Two motorists were scammed out of over £17,000 each

That meant that when he found out the vehicle was stolen – there was little chance he could get his money back.

"It was £17,000 just gone, and I knew there was little or no chance of getting this money back, ever," he said.

The scam is known as car cloning, which is a common method of vehicle theft.

The stolen vehicle is given the identity of a similar legitimate car, including licence plates, chassis numbers and accompanying documentation.

Prospective buyers can run a background check on the car and the details will appear to be correct.

An eBay spokesman confirmed to the BBC that the accounts in question had been closed down and added: "Cash on collection is very unusual and we would ask buyers to always pay via the platform when purchasing."

A Greater Manchester Police spokesperson said: "When we receive a report of any incident, we assess the immediate threat, harm and risk to the public and allocate officers and resources accordingly.

"We do this with full consideration of all the competing demands that we may be facing at that particular time and a decision is then made on how to respond.

"We are currently reviewing the decision made in this case."

Another victim was a man from Forfar in Tayside who was scammed out of £18,300 when buying a used BMW on the site.

Mr Alexander said he was "gutted" and labelled the con artists as "scum of the earth."

Source: http://www.express.co.uk/life-style/cars/801778/eBay-UK-car-scam-stolen-vehicles-con