DEKRA

Digital Press Dossier

Mobile World Congress 2024

Agenda

DEKRA at MWC Barcelona

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DEKRA will present how product testing and certification are evolving, influenced by the accelerated transformation of the technological landscape, where technologies progress at an unprecedented speed, particularly in critical areas such as Artificial intelligence, Cybersecurity and Connectivity, challenging even the regulations' capacity to keep their pace.

DEKRA at MWC Barcelona

innovating safety & security

Watch our new video to discover DEKRA's role in our connected world.

(Click on the image to access it)

DEKRA at MWC Barcelona

Press Release: Find out more about DEKRA's participation in the MWC by reading [the news](#).

DEKRA at Mobile World Congress 2024 (February 26-29, 2024)

DEKRA showcases at MWC how product testing and certification are evolving for AI, Cybersecurity and Connectivity

Feb 06, 2024

Digital & Product Solutions

DEKRA, the global product safety and security industry leader, will participate in a new edition of Mobile World Congress (MWC) in Barcelona (Spain), an event starting February 26th where the latest advancements in the mobile and technology landscape are exhibited. DEKRA will present how product testing and certification are evolving, influenced by the accelerated transformation of the technological landscape, where technologies progress at an unprecedented speed, particularly in critical areas such as Artificial intelligence, Cybersecurity and Connectivity, challenging even the regulations' capacity to keep their pace.

n goes beyond ensuring the safety products. With a legacy connected l development since 1925, DEKRA is nticipating and providing solutions ety and security remain paramount world of technology, actively tomers in evaluating whether their ining new and existing technologies a safe and secure operation, while with regulations.

strategy, DEKRA was the first e world to launch rtification services ⬈ to evaluate if provide users with a trustworthy ence. Besides, DEKRA has also introduced gence & Advanced Analytics Services ⬈ support customers on how to start the journey for a safe and secure AI in their products. Likewise, DEKRA is continuously expanding its cybersecurity services to meet the demands of the connected world, where cybersecurity is no longer merely an option but a necessity for every type of device. Leveraging expertise in security evaluations, DEKRA's cybersecurity

DEKRA at MWC Barcelona

Event's page: Find out more about DEKRA's participation in the MWC by visiting the [event's page](#).

Visitors can schedule a meeting with our experts

DEKRA at the Mobile World Congress 2024

Feb 26 – 29, 2024   Fira Gran Via, Barcelona, Spain - Booth 7E21

February 26 - 29, 2024

Contact us ›

Step into the future with DEKRA at the Mobile World Congress!

As the global industry leader for product safety and security, we are committed to pairing our rich heritage with innovative technologies as Artificial Intelligence, Cybersecurity and Connectivity - to contribute to a more safe and secure future!

Date: February 26 - 29, 2024

Location: Fira Gran Via, Barcelona

Hall & Stand: Hall 7, Stand 7E21

We look forward to meeting you at MWC Barcelona 2024!

Schedule a meeting now! ›

Our Commitment: Innovating Safety & Security

With a legacy dating back to 1925, DEKRA has evolved into a trusted authority in testing and certifying products and technologies. Our expertise spans AI, Cybersecurity, Future Mobility, and more.

DEKRA at MWC Barcelona

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DEKRA at MWC Barcelona

Discover how we innovate safety and security

Meet us at Hall 7, Stand 7E21

DEKRA Stories

Media Resources

DEKRA Stories – Artificial Intelligence

Safe and secure Artificial Intelligence

DEKRA launches first generation of AI Testing and Certification services

Jun 29, 2023

Digital & Product Solutions / Cyber Security

DEKRA introduces the first generation of Artificial Intelligence (AI) Testing and Certification services to support customers in ensuring the safety and security of their AI-powered products and services. AI is showcasing its immense potential, rapid expansion capabilities, and market viability.

- DEKRA enters the AI ecosystem by offering comprehensive AI Testing and Certification services that ensure safe and secure AI-powered solutions and anticipate upcoming regulations around AI Testing & Certification.
- DEKRA is a global partner throughout the entire development lifecycle of AI solutions, committed to expanding its AI Testing and Certification services along the evolving legal landscape of AI technology to assure global market access.

Nevertheless, its development is outpacing the speed at which regulations and standards can be formulated to govern this technology. In this context, DEKRA leverages its almost 100 years of expertise in testing and certification and its worldwide presence, to enter the AI ecosystem with a firm foundation to contribute to AI trustworthiness. With that goal, DEKRA has developed the first generation of AI Testing and Certification services, which empower customers to proactively prepare and address upcoming regulations as well as gain their users' trust in AI-powered solutions.

Video - The Impact of AI Safety & Security

Interview with Dr. Xavier Valero, Director of AI & Advanced Analytics at DEKRA, about the relevance of safety and security in Artificial Intelligence.

Press Release - AI Testing & Certification

DEKRA introduces the first generation of AI Testing and Certification services to support customers in ensuring the safety and security of their AI-powered products and services.

(Click on the images to read the articles)

DEKRA Stories – Artificial Intelligence

PwC, DEKRA and the City of Hamburg's Innovation Fund plan to launch "CertifAI" for the testing of AI products

Dec 01, 2022

The auditing and consulting firm PwC Germany, the largest non-listed expert organization DEKRA and the City of Hamburg plan to cooperate to launch a company for the testing and certification of Artificial Intelligence (A...

The growth pot...
tenfold and rea...
company that f...
helping busine...

Perfect Partne...
This combinatio...
management a...
shareholder in...
Systems (CPS)...
opportunities a...
investment in "...
commitment fu...

AIShield and DEKRA forge partnership to secure AI systems of the world

Aug 21, 2023

Digital & Product Solutions

AIShield, a Bosch startup specializing in AI Application Security, has announced a strategic partnership with DEKRA, a global leader in testing, inspection, and certification (TIC) services. The collaboration aims to enhance the security of AI models and systems through advanced training, assessment, and protection, ensuring the deployment of trustworthy AI models and systems. The partnership will focus on AI security and adherence to relevant standards and regulations, including the EU AI Act, NIST AI RMF, and MITRE ATLAS and ENISA's recommendations. AIShield and DEKRA are dedicated to accelerating AI adoption while ensuring cyber-resilience and compliance across industries. AIShield will provide the technology for security testing and evaluation of AI models, while DEKRA will leverage its expertise in testing and certification. The partnership aims to foster safe and trustworthy AI adoption across various industries, including Automotive, Manufacturing, Banking, Healthcare, Telecom, and Critical Infrastructure.

AIShield, a Bosch startup with a globally recognized AI Application Security product, is thrilled to announce a partnership with DEKRA, one of the world's leading testing, inspection, and certification (TIC) companies. This collaboration is aimed at strengthening the security of AI models and systems through advanced training,

LatticeFlow and DEKRA Announce the First Commercial AI Assessment for Migros Bank, a Leading Swiss Bank

...hering to the latest ISO

DEKRA & TTC Partner for AI Safety, Security, and LEO Satellite Tech in Taiwan

Jan 29, 2024

Unveiling a Collaboration for Advan... Standards, and Cybersecurity

DEKRA and TTC announce a collaboration to advance Taiwan's (LEO) satellite technologies. The partnership aims to cover bot... of the government and companies, emphasizing a comprehen... establishment of an advanced AI safety and security lab, the c... focus on talent cultivation and long-term cooperation to enha... capabilities. It also includes cybersecurity, covering semicond... Additionally, the collaboration explores LEO satellites' security... a transformative step in shaping Taiwan's technological lands...

"DEKRA is our long-term strategic partner. Both parties recognize the demand for security testing in global emerging technologies such as AI and LEO satellites that comply with industry and regulatory requirements. This collaboration will establish relevant testing labs in Taiwan and cultivate technical talent for the industry, aiming to become a solid support for Taiwan's digital transformation and industrial development." Tzong-Chen Wu, Chairman of Board of Directors of

DEKRA and LatticeFlow Launch AI Safety Assessment Services

Apr 20, 2023

DEKRA and LatticeFlow sign partnership agreement to help customers deploy advanced AI models, while ensuring safety and trustworthiness through AI assessment services

DEKRA collaborates with partners to strengthen the safeguarding of AI
PwC – CertifAI / AIShield / LatticeFlow / TTC

DEKRA completes the first AI assessment
DEKRA and LatticeFlow performed the first commercial AI Assessment for Migros Bank.

(Click on the images to read the articles)

DEKRA Stories – Artificial Intelligence

Anticipating the EU AI ACT: Framework for Trustworthy AI

Oct 06, 2023

FAQ AI ACT - Manage the com...

Artificial intelligence (AI) is one of the most influenti... reshaping the competitive landscape. In recent mon... promoting the development of trustworthy AI techn... about the current situation of the AI Act and guides... compliance.

Contact us, and learn more about how we can help you

1. What is the AI Act and why is it significant?

The AI Act refers to the legislation in Europe aimed at... significant because it seeks to establish a framework f...

2. Why there is an urgency to regulate AI?

There are AI applications which could pose tangible ris... need to be controlled and regulated. Moreover, the su... increased resulting in public concern and political pres...

3. How does the EU AI Act regulate AI? Does it treat...

The EU's AI Act categorizes AI applications into differe... unacceptable risk, high risk, limited risk, or little to no... according to the regulation, whereas different require... applications.

Navigating the EU AI Act: A Comprehensive Recap of Insights and Key Learnings from a Successful Webinar

Dec 14, 2023

Digital & Product Solutions

Our recent webinar "Navigating the EU AI Ac... 24th was a great success, with an audience o... the European Union's AI legislation. This web... EU AI Act but also provided crucial insights i... commercialization, and global regulations.

Our esteemed speakers, industry experts in AI... addressing pivotal questions and guiding atte...

Key Takeaways from the V...

- **Understanding the EU AI Act:** The webinar... shaping AI regulation's future. Experts emph... AI, addressing concerns around potential ris...
- **Focus on Safety, Security, and Ethics:** Discu... safety, security, and ethical considerations. E... complexities, focusing on reliability and depl...
- **Testing and Certification of AI Application...** conventional software testing due to AI syste... such as fairness and non-discrimination in a...
- **Structured Approach for AI Verification:** A... based assessment to ensure safe deploymen... deployment, particularly in high-risk environ...

Trustworthy AI: How can we build trust in AI security?

Jun 02, 2022

Many companies see tangible scaling opportunities with this technology and it is to be expected that, in the future, most products and services will either be AI-based or artificial intelligence will have been used in their development or manufacturing. Therefore, the question is: how can we assure AI security and enable trust in the emerging technology?

...-based or artificial intelligence will have been used in their ...ther areas of AI, there is a growing focus on one aspect: ...ompanies that use AI-based processes, but also to the ...logies if they are convinced they are secure. At the ..., and the extent to which this technology is already used ...ty

Navigating AI Regulations
Industry Specific Challenges

Contact Us >
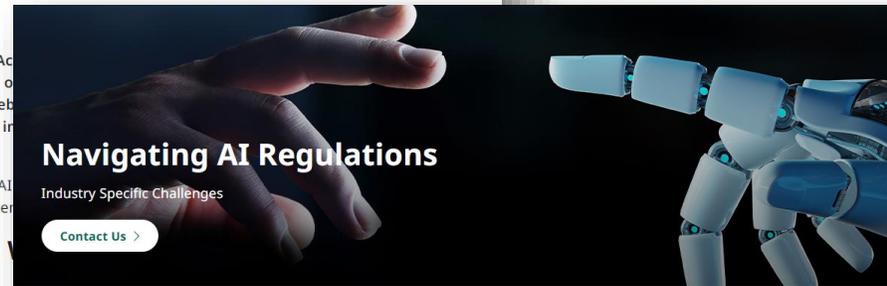
Homepage > Solutions > Artificial Intelligence > Navigating AI Regulations

EU AI Act: Satisfying legal requirements across all sectors

In an era where AI technology is set to become a pivotal asset for businesses, the potential for exponential growth is undeniable. Studies forecast a staggering increase in cash flow by over 120% for companies leveraging AI in the next five to seven years, indicating a monumental shift in profitability and operational efficiency by the year 2030.

However, alongside these transformative opportunities, the landscape of AI regulation is rapidly evolving on a global scale. Various countries are implementing or exploring different regulatory frameworks to address the risks associated with AI. Europe leads the charge with its groundbreaking Artificial Intelligence Act, ratified in June 2023, aiming to ensure the trustworthy and accountable use of AI technologies.

With our leadership in AI Testing, Inspection, and Certification (TIC), we guide businesses through the dynamic global regulations governing AI, ensuring safety, reliability, and compliance. Our extensive

(Click on the images to read the articles)

DEKRA is building a bridge between AI innovation and the AI EU Act, supporting customers to prepare their products for the upcoming regulations

DEKRA Stories – Cybersecurity
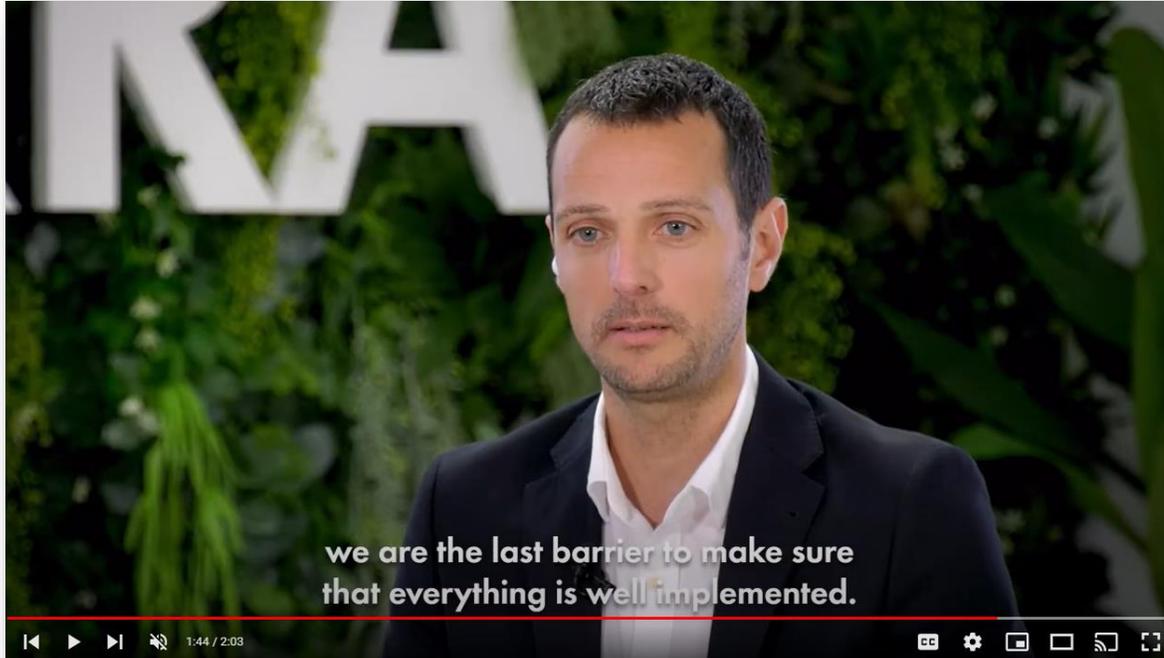
DEKRA launches the first Cybersecurity Certification Program for drones

Dec 07, 2023
Digital & Product Solutions

Telecom Technology Center (TTC) becomes the first DEKRA's Authorized Testing Laboratory and will support customers with this certification

DEKRA introduces the first Cybersecurity Certification Program specially designed for drones. With their widespread popularity and applications spanning from recreational hobby aircraft to sophisticated military appliances, it is critical to ensure that drones are prepared to face cybersecurity threats and can guarantee security. In this context, DEKRA has created a Cybersecurity Certification Program expressly developed to determine if drones, and all types of Unmanned Aerial Vehicles (UAVs), meet the baseline security requirements to operate.

For this certification, DEKRA is collaborating with the Telecom Technology Center (TTC) and establishing itself as a pioneer in providing the first certification program for drone cybersecurity. Consequently, DEKRA has designated TTC as the first DEKRA Authorized Testing Laboratory (ATL). TTC will conduct cybersecurity evaluations on drones according to DEKRA's Cybersecurity Standard, utilizing their advanced laboratories in Taiwan.

"The increasing use of drones across such diverse applications present security vulnerabilities that can potentially compromise sensitive data, disrupt operations, and even pose threats to public safety. DEKRA's

Video – Cybersecurity Testing & Certification
Interview with Rubén Lirio, Director of Cybersecurity Services at DEKRA, about DEKRA's role in cybersecurity and how we support customers in evaluating the security of their devices.

DEKRA launches the 1st Cybersecurity Certification Program for Drones
DEKRA has created a Cybersecurity Certification Program expressly developed to determine if drones, and all types of Unmanned Aerial Vehicles (UAVs), meet the baseline security requirements to operate.

(Click on the images to read the articles)

DEKRA Stories – Cybersecurity

Mobile Application Security Assessment
(MASA)

Cloud Application Security Assessment
(CASA)
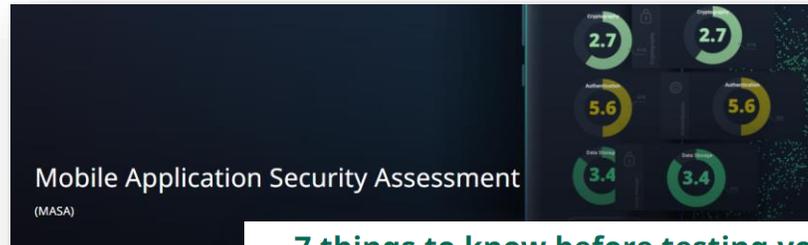
Most common utilities used in Android mobile application pentest

Apr 17, 2023

As technology continues to advance and mobile devices become more prevalent, mobile applications security is becoming increasingly important. Mobile application penetration testing is a critical process in ensuring the security of mobile applications. In this article, we will discuss the most common tools that a penetration tester must use to execute a mobile application pentest in Android.

...essential for identifying ...and potential security threats within ...erating system and can help ensure ...plications are secure and resilient ... By using these tools, penetration ...a deeper understanding of how ...attempt to compromise a mobile ...take proactive steps to prevent ...om occurring.

...roid Debug Bridge)

... Bridge is a command line tool that allows communicating with Android devices, physical or ...es. This tool provides a variety of device actions related to the pen-testing process, such as:

7 things to know before testing your app against the MASA program

Aug 03, 2022

The ADA (App Defense Alliance) has launched an evaluation standard with the MASA program. It allows developers who have applications published in the Google Play Store to get their apps evaluated by an official lab partner. Most important, developers can receive the official Security Badge that fosters trust in their applications.

With our last blog posts, we already gave you an insight into the basics of mobile app security. We introduced you to OWASP (Open Web Application Security Project), MASVS (Mobile Application Security Verification Standard), and why third-party testing must be a fixed part of the application development cycle. With MASVS, the OWASP has developed an industry-wide standard that provides guidance based on its test criteria and has laid the foundations for mobile security.

To understand the process a little better, below are 7 things you should know before evaluating your applications through the MASA program.

1. How do I get started?

The assessment covers all aspects of client-side security, authentication to the backend/cloud service, and connectivity to the backend/cloud service, including general security and privacy best practices.

2. What is the scope of the assessment?

As one of the five officials authorized labs to conduct the assessments for MASA, you can directly begin the testing process with DEKRA. Firstly, you have to review and full fill out the intake form on our MASA page. To

Mobile Application Security – Why independent 3rd party testing is important

Jul 27, 2022

We already introduced the Mobile Application Security Verification Standard (MASVS) which intends to increase the security of mobile applications by providing a guide and metric for app development. But mobile application security doesn't end with that.

In order to function properly, mobile application development requires software teams to configure a variety of communication and component layers. However, each layer a developer adds to a mobile application increases the attack surface and opens up new intrusion points. As a result, development teams that fail to secure the layers of their mobile apps and services risk compromising business-critical information, user safety, and device control.

In addition, many of these vulnerabilities are in the application code itself. So developers play a key role in protecting mobile applications – not just them but also in implementing security strategies that actively monitor and address potential t... regardless of whether an organization has a dedicated security team or not.

The main objective to work with an independed 3rd party

To determine the overall security posture of a given application, expert mobile security specialis... rigorous methodology. They replicate the threat posed by a series of threat factors over several ...

MASA – Mobile Application Security Assessment

Sep 06, 2022

In a hyperconnected world, there are more than 5 billion mobile phone users interacting with each other using mobile applications. For this reason, it is crucial to ensure that the applications available in the Google Play Store follow the security best practices. To reach this goal the App Defense Alliance (ADA), through authorized labs, verifies if the application is aligned with guidelines based on MASVS Level 1 requirements. This project allows developers to focus on these key points to ensure app safety.

What is MASA?

Google has founded the App Defense Alliance to improve the protection for users from bad apps in the Google Play Store. The alliance utilizes each companies' researchers in the field, integrating Google Play Protect detection systems with each partner's scanning engines. One of the main advantages is that additional information about possible app risks can be generated for apps that are being queued to publish.

To improve the security in the Google Play ecosystem, ADA has launched its new program called Mobile Application Security Assessment (MASA) which aims to increase the security of the apps hosted in the store. This is done by incorporating the OWASP MASVS-Level1 requirements, including several categories like:

- Data Storage and privacy requirements
- Cryptography requirements
- Authentication and session management requirements
- Network communication requirements
- Platform interaction requirements

DEKRA evaluates Mobile Apps and Cloud Apps' security

DEKRA offers services such as MASA and CASA, useful for developers who have applications published in the Google Play Store, can get their apps evaluated by an official lab partner and receive the official Security Badge that fosters trust in their applications. *(Click on the images to read the articles)*

(Click on the images to read the articles)

DEKRA Stories – Cybersecurity

What is the ETSI EN 303 645 cybersecurity standard?

Jul 19, 2021

Digital & Product Solutions

A security basis for consumer Internet-of-Things (IoT) devices.

A cybersecurity standard has come to the world. The ETSI EN 303 645, created by the European Standards Organization 'ETSI', is a standard specifically designed for consumer Internet-of-Things (IoT) devices. These kinds of products are the internet-connected devices that any person can have at home nowadays, such as smart TVs, home assistants, smart speakers, connected home appliances like refrigerators and washing machines, or connected alarms systems, door locks, smoke detectors and baby monitors, among many others. IoT devices bring comfort to your life, but the coziness of your home can be exposed to countless security risks if the IoT devices you use are not correctly protected and prepared to prevent cyber threats.

The ETSI EN 303 645 security standard intends to prepare the consumer IoT device the most common cybersecurity threats. To do so, it contains a set of security and recommendations that manufacturers shall implement in their products. These s areas and are divided into 13 categories:

5 steps to evaluate your product according to ETSI EN 303 645

Oct 04, 2021

Digital & Product Solutions

DEKRA offers testing & certification services, as well as training and GAP analysis, for consumer IoT device manufacturers interested in meeting ETSI EN 303 645 requirements. Consult our guide to know all the details on how to evaluate your product according to this cybersecurity standard.

Many consumer IoT device manufacturers are already implementing in their products the new cybersecurity standard created by the European Standards Organization: ETSI EN 303 645. But preparing your device to meet this standard's requirements is not the only necessary step. Manufacturers should also demonstrate their devices comply via ETSI EN 303 645 with a certification issued by an independent third-party laboratory like DEKRA.

The certification process may seem tricky sometimes, as there are many technical terms and paperwork that may fatigue manufacturers. For this reason, at DEKRA we support manufacturers by offering different services for ETSI EN 303 645. From training services on how to prepare the pro documentation for the evaluation, GAP analysis and product evaluation, to certifying the device wi DEKRA Seal.

Why does the Radio Equipment Directive now include cybersecurity requirements?

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Common vulnerabilities found in RED and ETSI EN 303 645 evaluations

May 25, 2023

This article will cover a brief description of the most found vulnerabilities on IoT devices when performing RED and ETSI EN 303 645 assessments.

In today's era, the digital devices have become an integral part of our daily lives and are all around us, from smart homes and appliances to wearable fitness trackers and medical devices. However, this also implies an increased risk of cyber threats. These devices are connected to the internet and often collect sensitive personal information, making them vulnerable to cyber-attacks. That's why the European Union has activated the Delegated Act of RED Directive as it is explained in our article >.

Cybersecurity is crucial to protect against malicious attacks that could compromise user privacy and security. Without adequate security measures, hackers could gain access to personal data, disrupt the functionality of the device, and even take control of it remotely.

Here are the top 3 of the most common vulnerabilities that we have found when conducting an assessment:

1. Unencrypted Bluetooth communication

Bluetooth communication without encryption poses significant cybersecurity risks, particularly in the context of Internet of Things (IoT) devices. Hackers can exploit vulnerabilities in unencrypted Bluetooth connections to gain access to IoT devices and steal sensitive information. Additionally, IoT devices often lack proper

DEKRA is an expert in evaluating the security of all types of IoT devices and can support customers in certifying products according to industry standards and certification programs

(Click on the images to read the articles)

DEKRA Stories – Connectivity

Three DEKRA testing labs worldwide can certify Wi-Fi 7 devices

DEKRA is the first Authorized Test Laboratory in Europe and Asia to certify Wi-Fi 7

Jan 17, 2024

Digital & Product Solutions / Cyber Security / Industrial / Product Safety

DEKRA expands its scope as an Authorized Test Laboratory (ATL) by the Wi-Fi Alliance©, incorporating the certification of devices according to the Wi-Fi CERTIFIED 7™ certification program into its services. This recognition positions DEKRA as the first laboratory in the world to simultaneously obtain the authorization to certify Wi-Fi 7 devices in three locations: Málaga (Spain), Guangzhou (Mainland China), and Taiwan. Furthermore, this implies that DEKRA has become the first, and currently the only, authorized testing lab for Wi-Fi 7 in Europe.

"Wi-Fi 7 elevates the speed, device capacity, and time efficiency within the home, enterprise, and industrial wireless ecosystems, unlocking solutions to the rising demand for high data speeds and capabilities, fueled by the use of 4K and 8K video, real-time apps, virtual reality & augmented reality, remote working, and other wireless applications. We are proud to be the first laboratory in Europe and Asia to obtain the authorization to certify Wi-Fi 7 devices. This global achievement in three of our labs showcases our agility in embracing new services and underscores DEKRA's unwavering commitment to innovation", stated Fernando E. Hardasmal, Executive Vice President and Head of Digital & Product Solutions at DEKRA.

(Click on the images to read the article)

DEKRA becomes the first laboratory in the world to obtain the authorization to certify Wi-Fi 7 devices in three labs

DEKRA has been the first laboratory in the world to simultaneously obtain the authorization to certify Wi-Fi 7 devices in three locations: Málaga (Spain), Guangzhou (Mainland China), and Taiwan. Furthermore, this implies that DEKRA has become the first, and currently the only, authorized testing lab for Wi-Fi 7 in Europe.
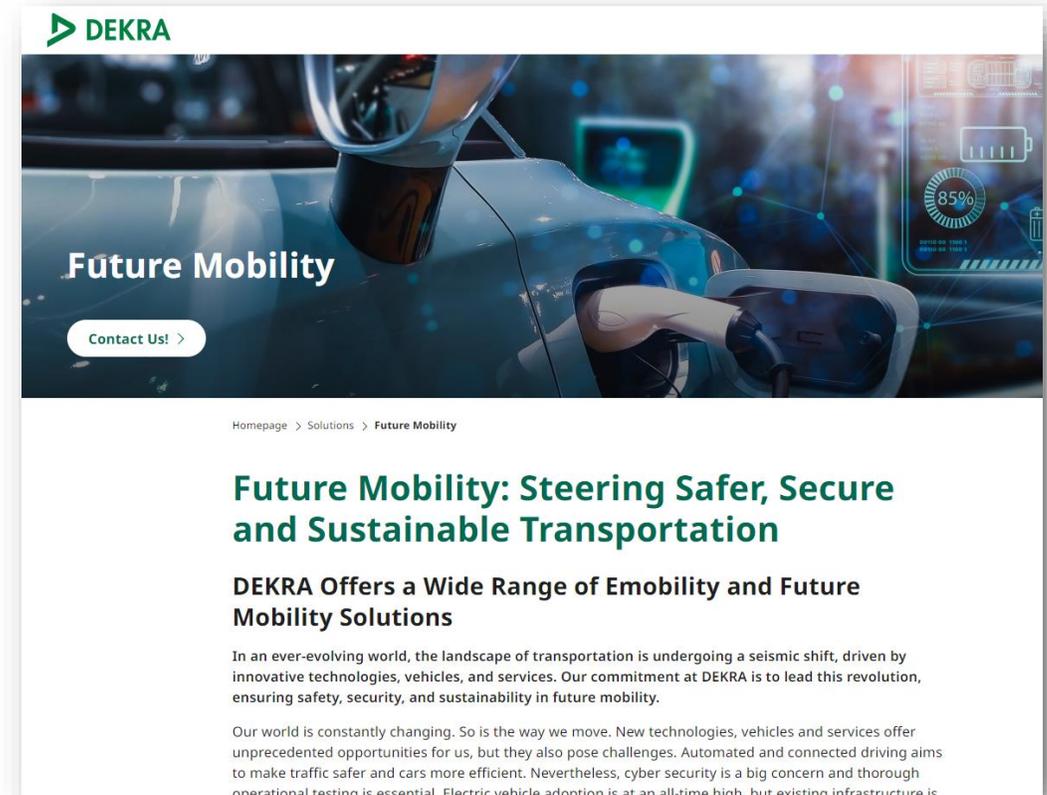
DEKRA Stories – Future Mobility

Video – Future Mobility at DEKRA
DEKRA is steering safer, secure and sustainable transportation by providing new mobility solutions that contribute to building a more efficient future on the road.

DEKRA is leading the Future Mobility
From electric vehicle testing and ADAS certifications, to high-voltage training and charging infrastructure testing and certification, DEKRA help customers to make sure new forms of transportation are safe, reliable to use, sustainable in their impact and compliant with standards and regulations.

(Click on the images to read the articles)

DEKRA Stories – Future Mobility

Future mobility: connected and automated driving in Málaga, Spain

Jun 10, 2022

V2X? 5G? IoT? RFID? You got it? Th...
Sometimes she has to stop for a m...
them every day as a matter of cou...
she is a sought-after expert herse...
Testing at DEKRA in Málaga, Spai...

At the beginning of her professio...
her credo: "Try to discover someth...
boredom and doing the same old ...
projects up and running – and the ...

Fresh out of university, she was i...
in 1992, she signed on with an int...
the telecommunications testing la...
– she was involved with the wirele...
among other things, she led the c...
components for her company.

V2X – the magic word of t...

In 2015, when DEKRA acquired AT...
leveraging the company's existing...
connected and autonomous drivi...
driven communication of the car...
venture into something complete...

"I honestly had no idea about this...

All test methods, both computer and real-world, are based on the globally recognized standards for manufacturers of vehicles and components. In 2021, for example, DEKRA in Málaga itself was the first test center worldwide to receive the US OmniAir qualification for C-V2X (Cellular V2X communications).

Transformation through digitization

This year, Rosario will celebrate her 30th anniversary at the company. Constant change at the spearhead of advancing digitization has defined her career. The last big change in Rosario's professional life was her move to the Product Testing service division on the one hand and the coronavirus pandemic on the other. More than usual, she works virtually, and she thinks that's a good thing: "If you look at it from a technological point of view, the pandemic has brought us a lot of progress: thanks to the very easy-to-implement virtual meetings, I can have a meeting with several customers or colleagues at the same time – and all this in different time zones and without having to travel myself. That's terrific!"

However, she also enjoys the days when she simply drives to the test site, discusses things with her teammates, or leads groups of visitors through the labs and shows them tests with real vehicles. After all, not everything has to be digital.

Three questions to the expert:

In those 30 years, what has been the most powerful, the most impactful change? Definitely wireless technology. I started my working life with a test system for fixed terminals – telephone, modem, fax. Wireless communications changed the world like no other technology after that.

Five years of DEKRA Lausitzring

Success story for future road safety

Oct 28, 2022

Five years ago, on November 1, 2017, the testing and expert organization DEKRA took over the Lausitzring in the German state of Brandenburg. Since then, it has turned from a racing and testing t...

New city course test tracks officially opened at DEKRA Lausitzring

Automated and Connected: The Future of Mobility Starts Today

Jun 26, 2023

Automotive / Future Vehicle &...

The expert organization...
safeguarding the mobilit...
been opened at the DEKI...
connected vehicles depe...
are approved", said Guid...
Automobil GmbH. "That...
expertise of our colleagu...

- Variable-use asphalt su...
- Goal for the future: test...
- Further investments at...

"Increasing road safety is...
technologies can make ro...
am therefore pleased tha...
of autonomous driving fu...
and State Planning of the...
future technology will be...
strengthens Lusatia, it str...

Variable infra...
scenarios

Around 80,000 square me...

Maximally Complex Test Scenarios

Author: Matthias Gaul
Jan 10, 2024

Vehicle Technology / Safety on the road

As part of the LAURIN research project, real accident constellations can be recreated any number of times at the DEKRA Lausitzring. Developers from the automotive and supplier industry can use this to further optimize the effectiveness of assistance systems and automated driving functions, even in critical traffic situations. Only a little over one and a half years into the project, the mid-term results are very positive.

Connected and Automated Driving at our Test Tracks
DEKRA has two ground testing areas for future mobility technologies in Spain and Germany.

(Click on the images to read the articles)

DEKRA Stories – Future Mobility

Networking on the Road

Author: Achim Geiger
Aug 09, 2023

Digitalization / Safety on the road

In personal transportation, V2X (vehicle-to-everything) comm
future for smoother traffic and reduced CO2 emissions. At th
raise the capabilities of automated vehicles to a higher level

Intelligent Transport Systems: All Together Now

Author: Joachim Geiger
Jan 17, 2024

Digitalization / Mobility

The EU wants to make transport systems safer, more sustainable, and more intelligent throughout. The fine art of European legislation now consists of bringing the Union's member states under one roof for a uniform transport system. The means to this end is a new directive, which is intended to establish clear rules.

DEKRA welcomes new European ITS directive due to be published soon

Important Step on the Way to Making Traffic in the EU Safer, More Secure, and More Sustainable

Oct 24, 2023

Automotive / Future Vehicle & Mobility Services / Digital & Product Solutions

The European Union will soon have a revised directive on Intelligent Transport Systems (ITS). After the vote in the European Parliament on October 3rd and the adoption by the European Council on October 23rd, the new legislation is due to officially be published. Leading expert organization DEKRA is welcoming the g
making traffic in
objectives set ou
however, only an
Commission as w
of different mod
sustainable way.

- Starting point f
- Technology neu
- DEKRA is comm

Among other thi
sectors must be i
time, it requires t
what kind of data
mobility", says Th

Automated, but Safe!

Author: Matthias Gaul
Sep 20, 2023

Digitalization / Safety on the road

At the Lausitzring in Klettwitz, Germany, DEKRA puts assistance systems and automated vehicle technologies through their paces, most recently also in urban environments on specially established city courses. These tests are of central importance – because acceptance by society depends on the safety and reliability of the systems.
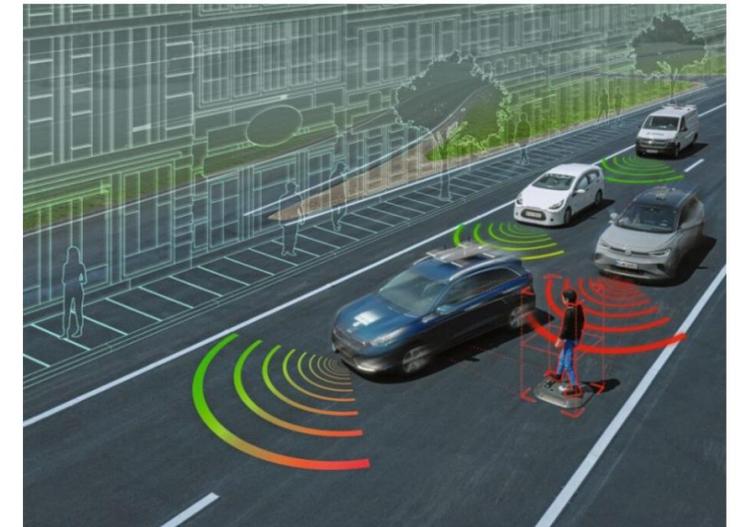
The number of vehicles with automated driving functions will increase significantly in the coming years. Photo: M.

DEKRA is supporting Intelligent Transport Systems (ITS), Connected & Automated Driving, and ADAS

DEKRA contributes to future mobility with its extensive expertise in areas such as road safety, automation, E-mobility, connectivity, big data, cybersecurity, artificial intelligence (AI), sustainability, and functional safety, among other services.

(Click on the images to read the articles)

Curious to know more?

Explore further DEKRA stories at:

- **dekra.com**
- **LinkedIn**
- **YouTube**

About DEKRA

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DEKRA is an expert in developing **innovative solutions that enhance the safety and security of technologies and products** in our connected world.

Established in 1925 to ensure road safety through vehicle inspections, DEKRA has evolved into an independent expert specialising in **testing and certifying products and technologies.**

With a strategic focus on **Artificial Intelligence**, **Cybersecurity**, and **Future Mobility**, DEKRA supports customers with Big Data, Connectivity, Product Safety, EMC & RF, Product Certification, Medical Devices and Automotive services.

DEKRA is continually **at the forefront of technological advancements** and participates in associations to define standards to integrate new technologies safely and securely.

innovating safety & security

Our Services

Artificial Intelligence & Advanced Analytics Services

Cybersecurity Services

Connectivity Testing

Automotive Testing

Big Data Services

Product Certification

EMC & RF Testing

Product Safety Testing

Medical Device Certification

Artificial Intelligence & Advanced Analytics Services

Building a Bridge Between AI Innovation and the AI EU Act

We are safeguarding and bridging the evolution of AI technology and regulations. We have designed the DEKRA AI Assessment Framework, which provides a holistic approach for our customers, ensuring AI security during the different lifecycle stages, from development, testing, and deployment up to operations across all technological disciplines and industries.

Our Services

AI Pre-assessment & Training Services

We guide customers in acquiring the knowledge and expertise to start the journey for a safe and secure AI, navigate AI deployment effectively, while ensuring safety and security compliance of products.

AI Testing & Certification Services

We test and certify AI systems to evaluate safety and security of AI in products and services.

Cybersecurity Services

Evaluating security across the connected ecosystem

DEKRA offers customers thorough cybersecurity evaluations and certification of products, processes and systems for many different markets, including IoT consumer, ICT, automotive, industrial, medical and system on-Chip. Our services cover the whole product life cycle, from design to maintenance and deployment, helping customers to address a wide range of specific cyber security challenges.

Our Services

o Evaluations on Mobile Apps and Cloud Apps

o Cellular Security Evaluations

o Cybersecurity Certifications

o Common Criteria Assessments

o Cybersecurity Type Approval & Certification

o Cybersecurity Training & Development

Connectivity Services

Leading the Global Connectivity Landscape

Connectivity defines our world, and DEKRA is at the heart of it. We contribute to a safer, secure, and sustainable world through testing connected products and connectivity technologies in our laboratories around the world.

Our Services

Connected Devices

We test and certify products containing and using a broad variety of connectivity technologies. From mobile communications testing, wireless technologies and networks, to M2M, IoT devices and carrier services.

Future Mobility

We support the development and adoption of future mobility by offering testing and certification services for Connected Driving, Automated Driving and Intelligent Transportation Systems (ITS), owning a field test track and a racing test track to perform the evaluations.

DEKRA

Your global partner for a
safe, secure and sustainable world