LINEV SYSTEMS

SECURITY X-RAY SCREENING SYSTEMS

PEOPLE SCREENING

PARCEL, BAGGAGE AND SMALL CARGO INSPECTION

CARGO AND VEHICLE INSPECTION

www.linevsystems.com
aeinfo@linevsystems.com

OUR MISSION:

«TO EXCEED CUSTOMER EXPECTATIONS AND TO STAY AHEAD OF THE COMPETITION, WITH A FOCUS OF DRIVING FORWARD FOR SCIENTIFIC TRUTH»

LINEV Group is a privately owned group of companies that specializes in the supply of class-leading X-ray systems for the Security, Medical and NDT markets.

The group is a unique ecosystem made up of international companies, boasting over 30 years of experience within the X-ray technology industry, providing world class, quality products and solutions, supplied to all corners of the world.

A network of inter-connected companies, with the capabilities of sharing global expertise and skill sets, whilst working from a common platform. The innovative ecosystem allows for a unified focus towards our drive to scientific truth.

The unique approach of our employees is based on fast and flexible research & development, as well as working with a smart manufacturing systems process. This allows us to create the highest value for the market and exceed customer expectations.

Following the ambition to global expansion our companies have undergone a restructuring process transforming into a LINEV Systems global network represented by parent companies: LINEV Group Ltd and LINEV Group MENA. Giving us the global reach to better serve our markets.

This important phase solidifies our evolvement into a sustainable ecosystem enterprise, which will allow us to better serve our customers, and to meet global and diverse demands, based on current and anticipated future supply challenges, and ultimately carry the capacity to be instantly adaptive to innovative high-tech change in the modern world.

As a leader in checkpoint security, medical and NDT solutions, LINEV Systems will continue to establish industry standards and best practices for the use of our technologies while expanding on the success stories and results our products produce across the globe.

Customer focused approach combined with carefully designed innovations will remain our core value. We are now united for innovation under the LINEV Systems umbrella to better serve the world.

VEHICLE AND CARGO INSPECTION

AIRPORTS

SEA PORTS

BORDER CROSSINGS

MILITARY FACILITIES

SECURITY CHECKPOINTS

CRITICAL INFRASTRUCTURE

DUAL ENERGY TECHNOLOGY

DUAL ENERGY imaging technology provides an automatic colour coding material discrimination feature, which enhances the distinguishing between organic, inorganic and metal materials by colours (as a real indication of low Z–medium, Z–high, Z). This feature helps the operator to detect dangerous object made from various materials.

3 (THREE) COLOUR CODING

Z-effective range	Category
0-10	drugs, explosives, organics
10-18	gemstones, explosives, minerals
20 and over	metals, alloys

7 (SEVEN) COLOUR CODING

Z-effective range	Category
0-7	drugs, alcohol
7-10	explosives
10-14	precious stones, glass
14-18	bones, gypsum, salt
18-22	copper sulphate
22-35	brass, steel
35 and over	lead, quartz, gold, platinum

DTP OPTIONS

- WEATHER PACKAGES -30°C ... +55°C
- AUTOMATIC NUMBER PLATE RECOGNITION SYSTEM (ANPR)
- AUTOMATIC CONTAINER CODE RECOGNITION SYSTEM (ACCR)
- UVSS UNDER VEHICLE SURVEILLANCE SYSTEM
- WEIGHBRIDGE
- UPS SYSTEM
- MODULE FOR OPERATOR
- INFRARED BARRIERS
- PHOTO CAPTURING
- ROADWAY GATE
- REMOTE WORKPLACE
- DIESEL GENERATOR
- RADIATION MONITOR

DRIVE-THROUGH PORTAL

Drive-Through Portal (DTP) systems are high-energy scanners designed for non-intrusive inspection of vehicles, cargo, containers and goods. These devices can be used in various inspection sites, such as airports, seaports, customs facilities, traffic control points, temporary storage, logistic centres, warehouses and other places where total cargo inspection is required. Due to the innovative drive-through operation design a vehicle can be driven directly through the portal. Moreover, the vehicle can be scanned without scanning the driver's cab and as a result the traffic flow is not hindered and the safety of the driver and passengers is not endangered. The new system design reduces the overall operational area. The DTP product line provides a wide range of high-performance, cost-effective and reliable solutions that will guarantee protection from threats and contraband while maintaining a smooth traffic flow and minimising the total cost of inspection.

FEATURES:

- Throughput capacity up to 120 vehicles per hour
- High quality image with 7 colour-coding
- Warranty of the system up to 7 years
- Ready to use operator module in the form of 20" container with conditioning system and operator`s workstations

INSPECTION SYSTEMS

FEATURES:

- DRIVE-THROUGH TECHNOLOGY. While vehicle is passing through scanning tunnel, the driver's cab is automatically excluded from radiation.
- MOBILITY. The DTP products can be easily relocated by a standard container truck and completely installed with the support of only 2-3 operators.
- SMALL FOOTPRINT. The deployment of the DTP products requires a relatively small ground surface without the necessity of creating additional infrastructure.
- HIGH THROUGHPUT. Due to drive-through (free-flow) operation mode, the DTP system can inspect up to 120 vehicles per hour.
- HIGH PENETRATION. The DTP system provides high quality X-ray images of inspected objects, with a penetration up to 400 mm of steel at a speed of up to 10 km/h.

INTEGRATION:

- Automatic number plate recognition system (ANPR)
- Under vehicle inspection system (UVIS)
- Integrated radiation portal monitor (IRPM)
- Several systems could be united into the one digital monitoring complex CargoDMS
- Systems could be integrated into any existing infrastructure

OPTIONS:

- Weather package from – 20 °C to +55 °C
- For large objects the system achieves 3 images: 320kV+320kV+7,5MeV
- Remote station for image analysis
- Uninterruptable power supply for the whole system
- Diesel generator
- Betatron-based system ensuring lower scanning dose in comparison with linac-based units.

SINGLE VIEW SOLUTIONS

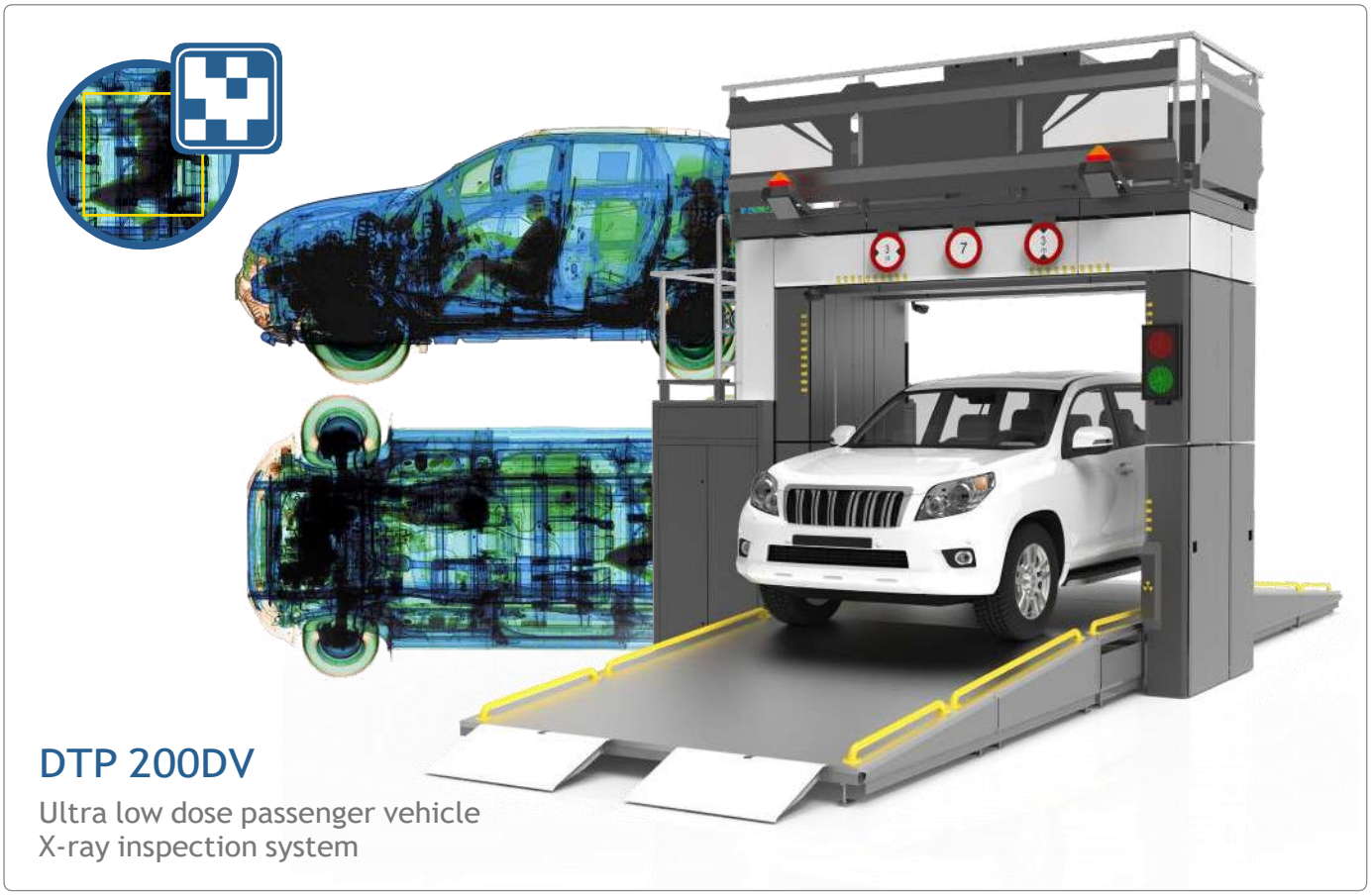
DTP 200LV

Ultra low dose passenger vehicle X-ray inspection system

DTP 320LV

High penetration passenger vehicle X-ray inspection system

DUAL VIEW SOLUTIONS



DTP 200DV

Ultra low dose passenger vehicle X-ray inspection system

DTP 320DV

Ultra low dose passenger vehicle X-ray inspection system

SOLUTIONS FOR LARGE VEHICLES

DTP 200LVB

Large portal passenger vehicle X-ray inspection system

DTP 320LVB

Vehicle and cargo X-ray inspection system

DTP 320DVB

Dual view X-ray inspection system for cars, trucks and coaches

LARGE VEHICLE AND CARGO INSPECTION

DTP 7500LV

Dual energy stationary X-ray inspection system

DTP 7500LVR

Autonomous relocatable container-mounted X-ray inspection system

DTP 6000LVG

Large portal passenger
vehicle X-ray inspection system.

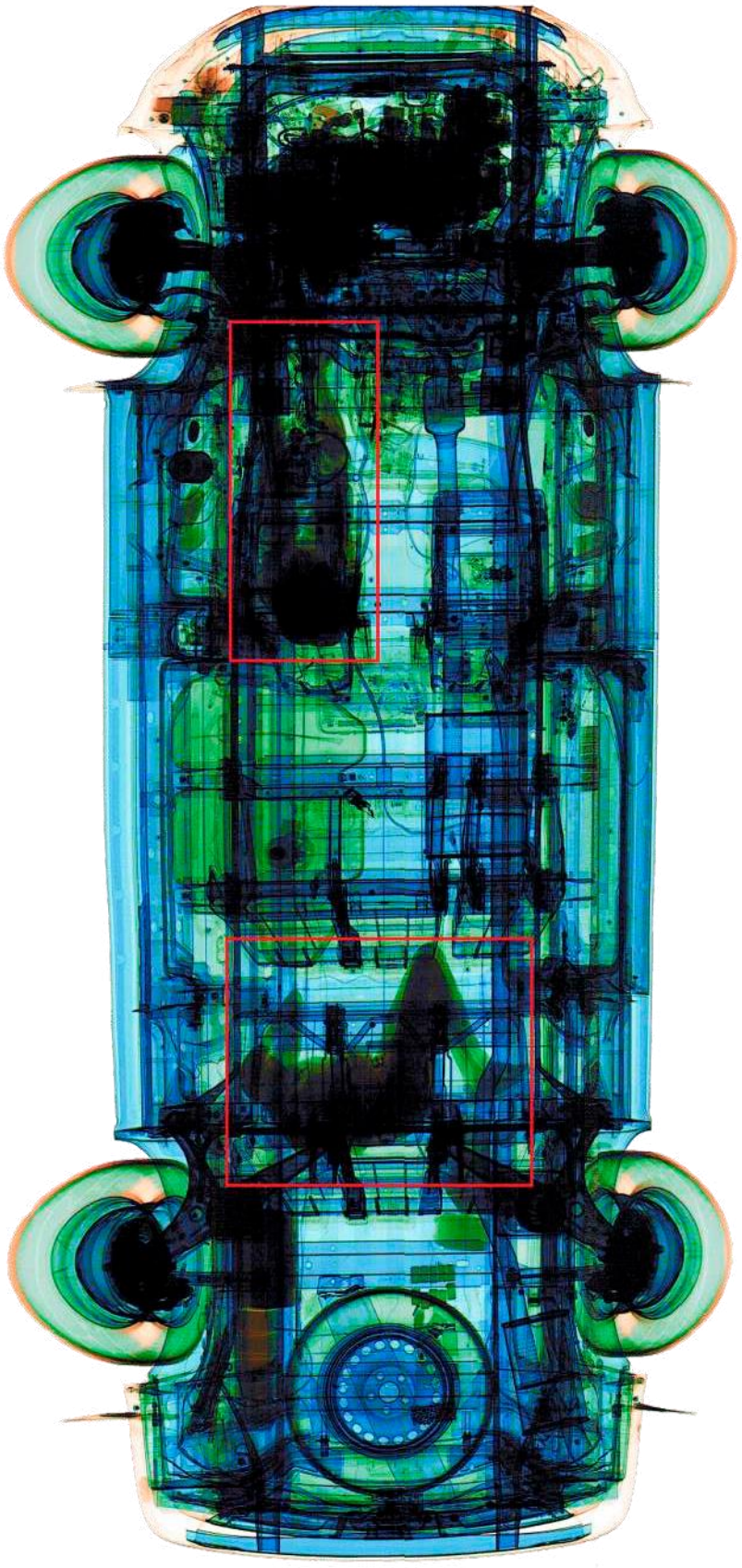
UNIVERSAL SOLUTIONS FOR SMALL, MEDIUM, LARGE VEHICLES AND CARGO

DTP 7500/320DV

Dual view X-ray inspection system for cars,
trucks, coaches and cargo.

• The state-of-the-art dual-view, dual-energy drive-through X-ray scanner with a portal-shaped detection system.
• Intented for the inspection of trucks with driver cabin, cars, coaches, loaded vehicles (with containers or general cargo).
• Designed to identify the cargo compliance of these vehicles by detecting the transportation of contraband, illegal drugs, weapons and other dangerous objects.
· Can be used at seaports, traffic control points, customs, temporary storage warehouses and other places where 100% cargo inspection is necessary.
• The aquiring and analysis of X-ray images is performed and controlled by software on automated workstations.
• The system can substitute two regular systems providing inspection for both light passenger and large cargo vehicles.

AUTOMATIC DETECTION SOFTWARE



HUMAN TRAFFIKING

Vehicle inspection systems reveals hidden people

Borders are vital economic gateways that account for trillions of dollars in trade and travel each year. X-ray security inspection systems that can be used for border protection from illegal transportation of weapons, drugs, contraband and people while promoting lawful entry and exit, are essential to homeland security, economic prosperity, and national sovereignty.
The drive-through portal systems image shown here was taken at a border checkpoint, it reveals a hidden person in a light vehicle. This is a common and easy way to transport terrorists or illegal migrants across borders.