



Who We Are – What We Do



- producing digital X-ray technology and developing image management systems for radiographic security operations, NDT and medicine
- engineering in-house customised software solutions
- global sales and service network
- large product and accessories portfolio
- represented on all continents and in over 60 countries
- | high quality standards:

ISO 13485 : 2003 FDA 510(k)

CMDCAS

Advanced

Digital Radiography

The security industry is a globally growing market that includes many business fields, from antiterrorism to road safety, from forensic science to civil defense. Whether public authorities, embassies, municipal bomb squads, airports or corporations, they all use radiography to examine suspicious objects in different locations. In previous years the recording medium was X-ray film.

Radiography today includes Computed Radiography (CR) and Direct Radiography (DR) as digital imaging systems, which represent the latest technology standard. While CR systems use an imaging plate in a cassette as capturing device, Direct Radiography (DR) systems often use Flat Panel Detectors (FPD) that show the X-ray image immediately on a monitor — by a simple click on a button. The digital panels require less time and radiation than traditional X-ray films.

OR Technology was a pioneer when bringing forward the advanced radiographic method in the 90s by developing the medical solution *dicomPACS*[®]. Our portable digital systems generate images in the highest quality for detecting minimal abnormalities for your safety requirements.



Applications

Scenarios in security industry



IED, EOD



Contrabands: drugs, weapons, cash



Electronic counter measures



Crime scene investigations

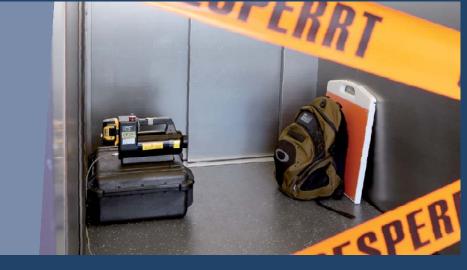


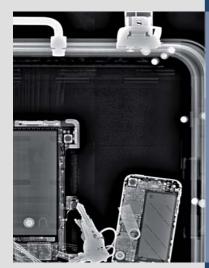
Private security

IED, EOD

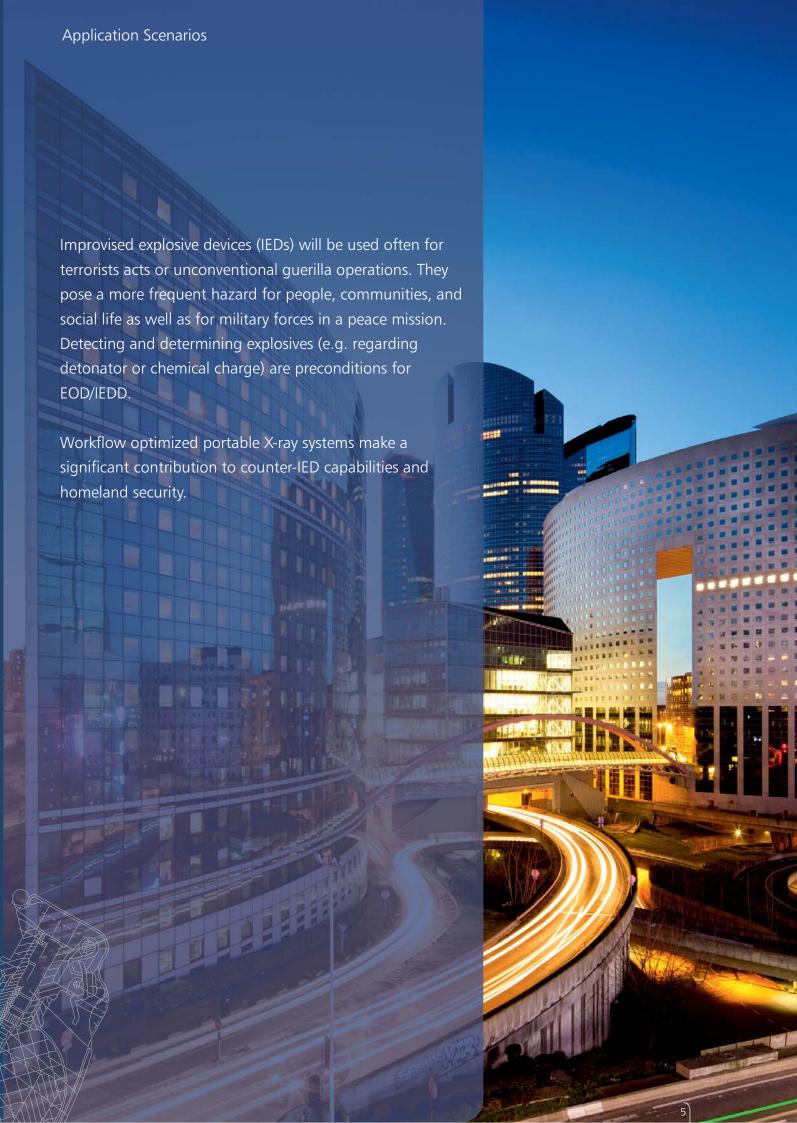




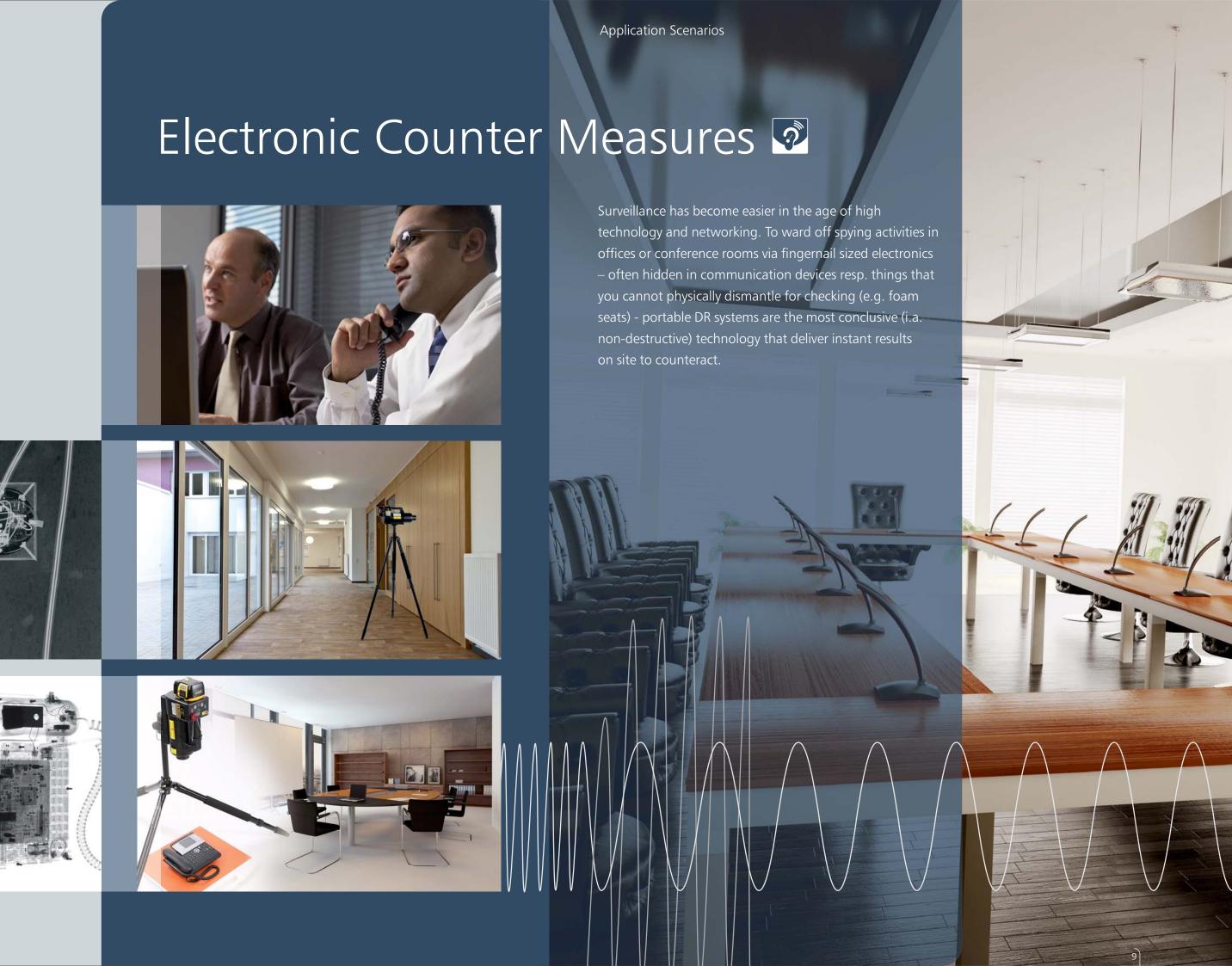










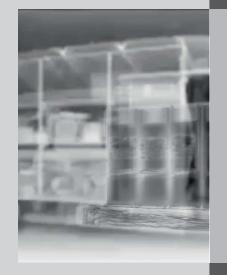




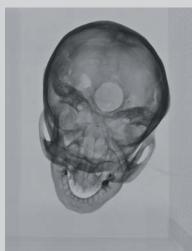


Crime Scene Investigations











LICE LINE DO NOT CROSS POLICE LINE DO NOT CROSS POLICE LINE DO NOT CROSS



Private Security













Software engineered by OR Technology



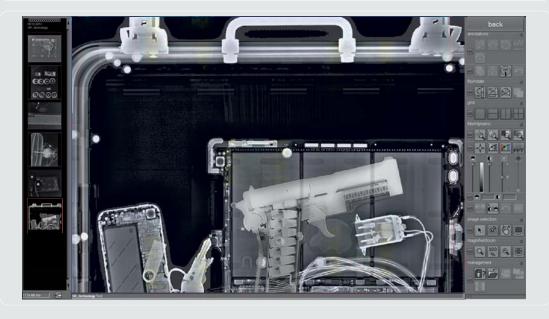
Specifications of **OR**secure®

- completely integrated viewer for image analysis (processing, manipulation, storage, export etc.)
- measurement of distances/thickness, angles, areas and densities
- image annotations (arrows, ellipses, free text etc.)
- stepless zoom, PAN, **magnifier**, ROI, rotation, mirror, crop etc.
- adjustment of window/level options and gamma correction, sharpening filters, high pass filter, noise suppression
- advanced inverse (black/white), colour LUT
- multi exposure (SNR improvement)
- **image comparison** (optional)
- automatic or manual stitching
- printing of images both on Windows printers and laser imagers via DICOM Basic Print
- export of images to JPEG, TIFF, BMP and DICOM/DICONDE formats
- worldwide **image distribution via Web Server** (optional)









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RT Components and Accessories

Whether for harsh field operations or sophisticated indoor applications – OR Technology's portable DR solutions are tailored individually

Various industrial sources

e.g. voltage, weight, continuous/pulsed, battery operation



Different flat panel detectors

e.g. size, wired or wireless



Multiple variety of cases

e.g. material, size, design



High resolution monitors (lab option)



Configurable laptops

e.g. ruggedised, sunlight readable display



DR Accessories

Sometimes it is the little things that make the difference. OR Technology is aware of this fact.

That's why we offer a big variety of additional equipment and accessories.







www.or-technology.com | X-perts in X-ray

Digital Radiography

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