Opportunities and trends in security. How COMET technology can add value in new applications

Stephan Haferl, General Manager IXT
IXM’s market driver “2020” is security

Demography

Resources

Technology

GATE Checked Baggage

Security
Two trends converge creating new business in security

<table>
<thead>
<tr>
<th>Socioeconomic pressure and sectarian division on the rise.</th>
<th>(Digital) technology is maturing becoming economically viable.</th>
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[Image of UN armored vehicle]

[Image of digital network]
Security becomes pervasive and triggers two drivers for COMET

<table>
<thead>
<tr>
<th>Need for Speed: “The Volume Driver”</th>
<th>Smart, automated inspection: “The Technology Driver”</th>
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<tbody>
<tr>
<td>Going from mostly airport screening to all neuralgic points increases number of checkpoints and volumes:</td>
<td>Automatic passenger &amp; people profiling.</td>
</tr>
<tr>
<td><img src="image1" alt="Airport Screening" /> <img src="image2" alt="Train Station" /> <img src="image3" alt="Theme Park" /> <img src="image4" alt="Stadium" /></td>
<td><img src="image5" alt="Automatic and enhanced 3D x-ray check." /></td>
</tr>
</tbody>
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Next Generation Security – IXMs Exploration Projects
IATA’s (International Air Transport Association) Checkpoint of the future
IATA’s key message: Impede acts of terrorism with greater use of technologies

<table>
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<th>Everyone Benefits from Strengthened Security</th>
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<tr>
<td><strong>Passenger</strong></td>
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<td>Fast, uninterrupted throughput based on risk profiling combined with new inspection technologies.</td>
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<td><strong>Airline</strong></td>
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<td>Higher customer satisfaction, operational efficiencies, revenues and less delays.</td>
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<td><strong>Government</strong></td>
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<tr>
<td>Improved ability to counter threats.</td>
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<td><strong>Supplier</strong></td>
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<td>Greater use of technologies and solutions.</td>
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The big picture: Why is this a boon for IXM?

Raising security to the next level

- Security checks must become **more efficient and effective** to cope with **growing populations, tensions and threat vectors**.

- Traditional x-ray inspection technologies based on **glass-tubes** are **not an option** any longer.

- **Next generation inspection machines** are based on **new high-performance metal ceramic x-ray tubes**!

COMET accelerates the decisive improvement of security with its pedigree of metal ceramic x-ray technologies.
IXM aims at the large-volume security checkpoint inspection market

- Body Screening
- Checkpoint X-Ray
- Checked Luggage CT Screening
- Pallet Screening
- Fixed Cargo Screening
- Mobile Cargo Screening

Searching for drugs, contraband, weapons and explosives

- Infrastructure
- Trains & Subways
- Airports
- Events
- Shopping
IXM is pushing the next generation of security

Raising security to the next level

- **Efficient and effective security check-points** in airports, subways, train stations, at events and other **neuralgic points of concern**.

- Employing cutting edge **high-speed metal ceramic x-ray technology**.

- **Seamlessly** integrated into and **greatly enhancing automated surveillance and monitoring systems**.
Thank you for your attention.