

Empowering AEO with NII 2.0

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AEO

AEO Programs:

Progress Made & Challenges to Face

Customs-Business Partnership

- Sharing security responsibilities
- Rewarding facilitation benefits

Increasing Popularity

- 97 functioning AEO programs, 20 under development as of 2020
- AEOs in CHINA surpassed 4700, over 480 in SHENZHEN



**SAFE
Framework**

Rise of
E-Commerce

Changing Threat
Landscape

Persistent
Terrorism



Staff Shortage

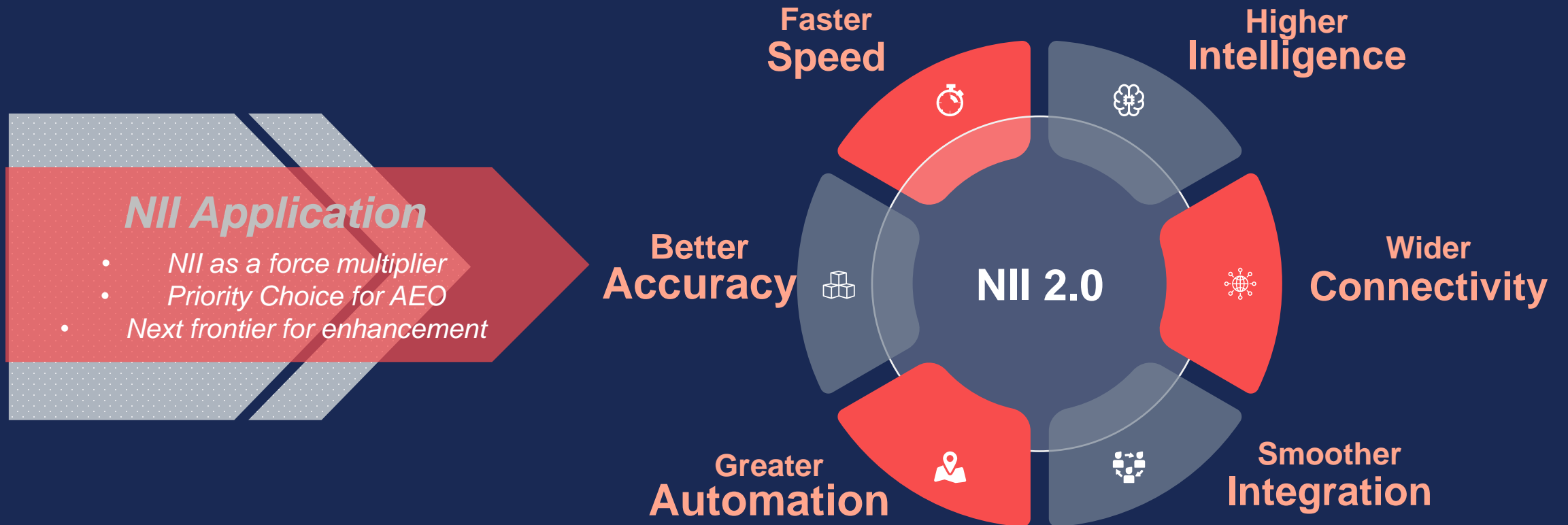
Geopolitical
Tensions

Supply Chain
Restructuring

Growing Trade

AEO Programs:

Enhancement Enabled by NII 2.0



NII 2.0:

With Faster **Speed**



Container / Vehicle
Inspection



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- Fast scan portal scans up to **200** vehicles or containers/h
 - Railcars to be scanned at a speed of **30-60**km/h.



Baggage / Parcel
Inspection



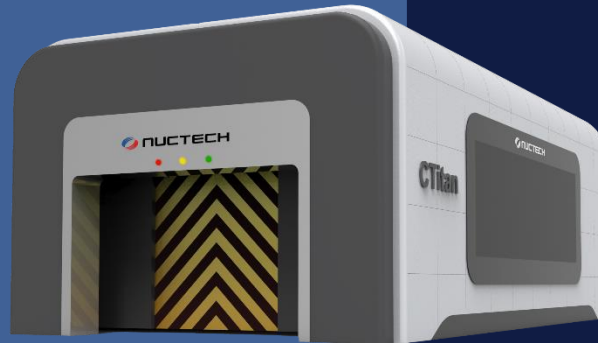
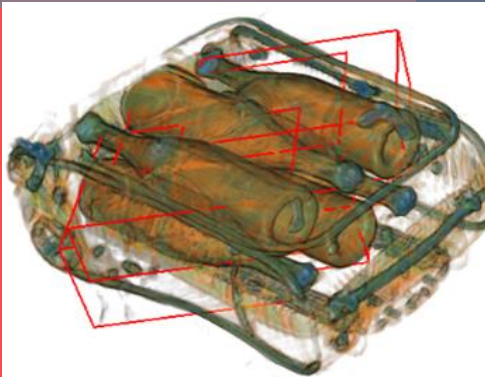
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- Carbon Nanotube based CT realizes 3D screening at a speed of **0.5-2**m/s
 - Tailor-made courier scanner implements 2D imaging at a speed of **3**m/s

NII 2.0:

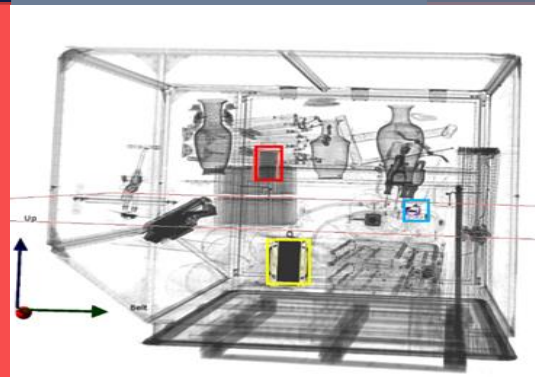
With Better **Accuracy**



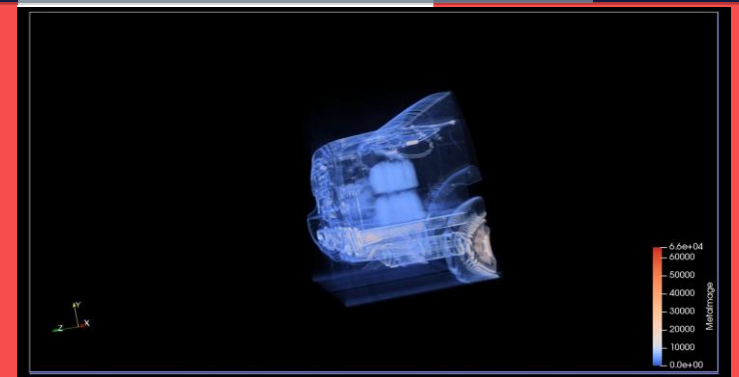
CT for
Mail/Parcel



CT for
Consolidated Air Cargo



CT for
Container/Vehicle



NII 2.0:

With Greater **Automation**



NII 2.0:

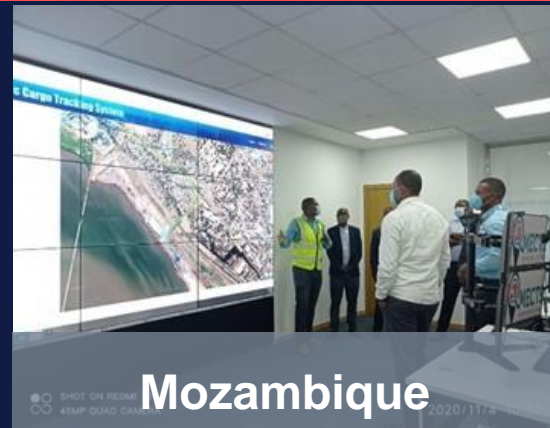
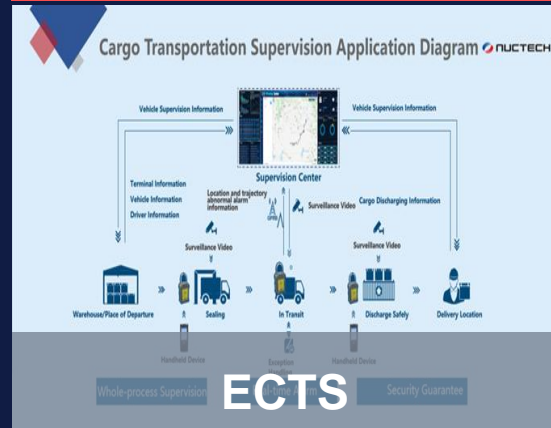
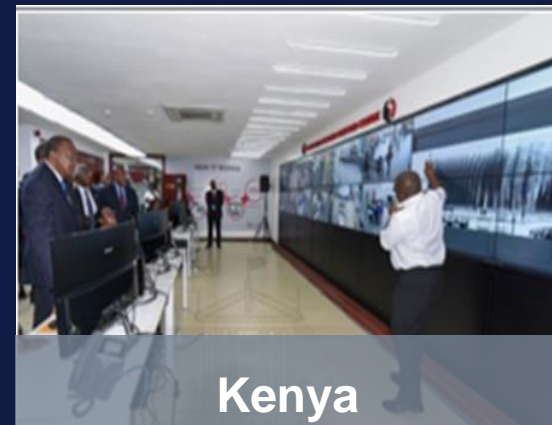
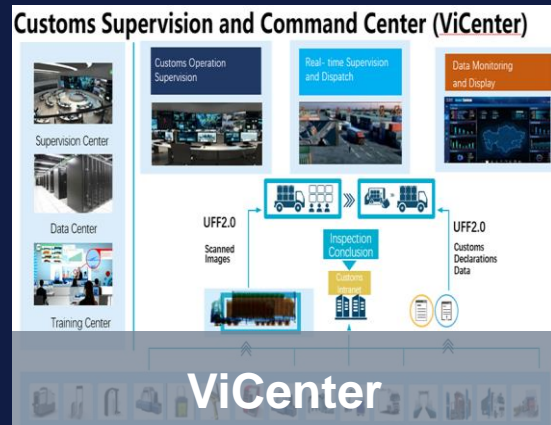
With Smoother **Integration**

- In-transit scanning
- No disruption to trade flow
 - 100% screening



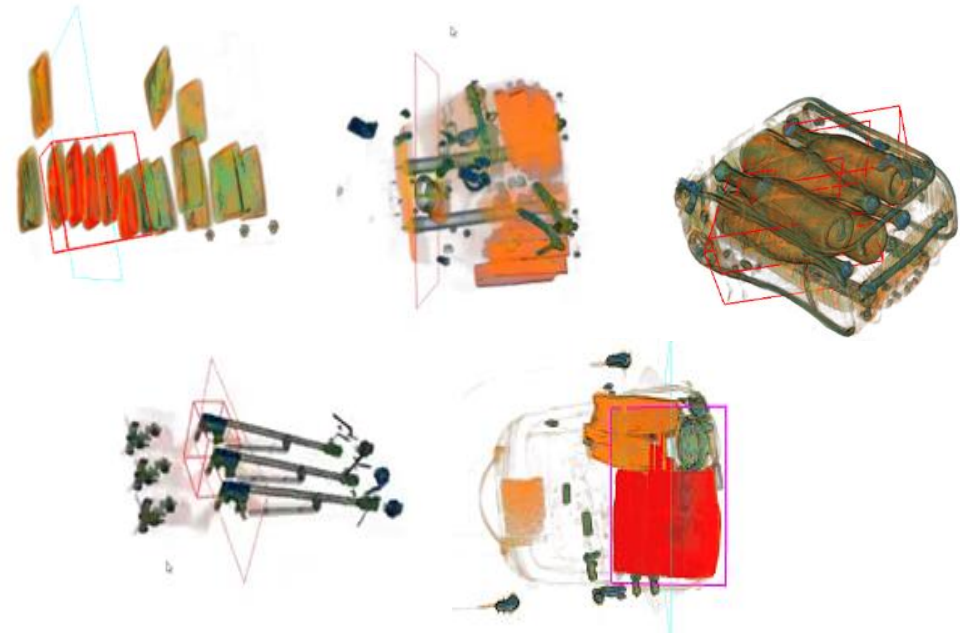
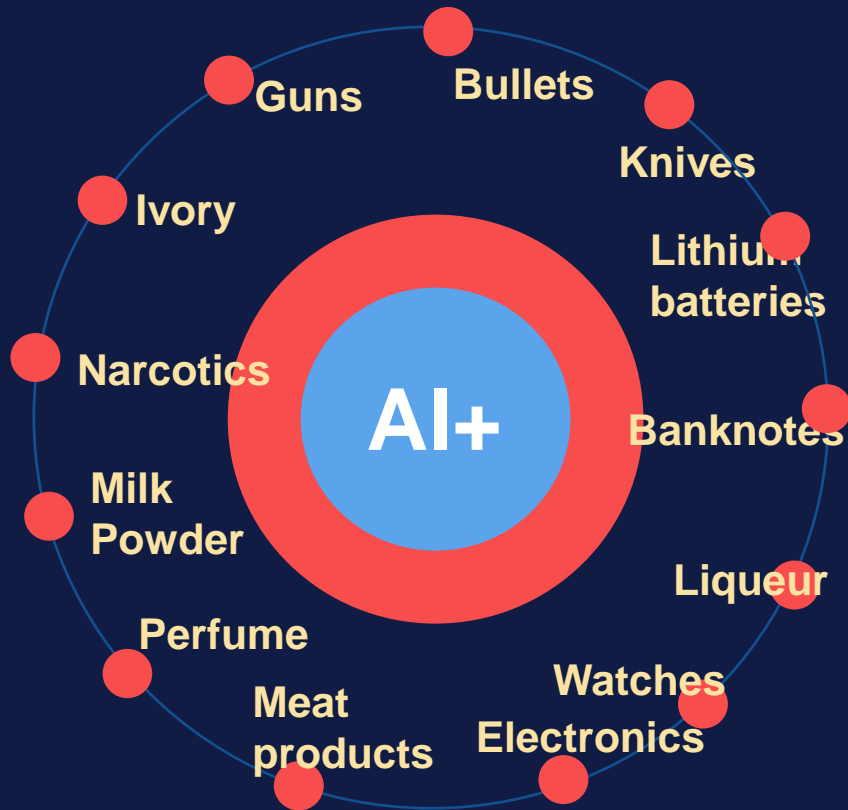
NII 2.0:

With Wider **Connectivity**



NII 2.0:

With Smarter **Intelligence**



Intelligence Empowered by AI

- Automatic Detection of 1400+ Prohibited Items
 - Inspection time reduced by 70%
 - Over 20000 seizures made

NUCTECH:

Your Trusted Partner for Security



Thanks!

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