T S O IS DELIVERING PURPOSE-BUILT APPLIANCES, SOLVING WICKED PROBLEMS

TSO delivers Robots on the Rails™

* The Security Oracle, Inc. (TSO) introduces **Robots on the Rails™,** that reaches out over the right of way (ROW), to warn (deter) and can "autonomously" engage a potential adversary BEFORE causing harm.

* Our Robots defend ROWs, bridges, stations, traction power, etc. by detecting, tracking, prioritizing and safely projecting powerful light and sound beams, overwhelming adversaries' senses of SIGHT SOUND AND TOUCH!

"Robots on the Rails™ protects against attacks as opposed to merely creating alerts."

- *Al Perotti—Security Director TECO Energy, CPP*

"Robots on the Rails™ will be the next BEST PRACTICE for Protection of Critical Infrastructure—a real game changer."

- *Anna Wang—Wang & Associates*

"I have been all over the nation and I have not seen anything as complete as your crest of the wave solution."
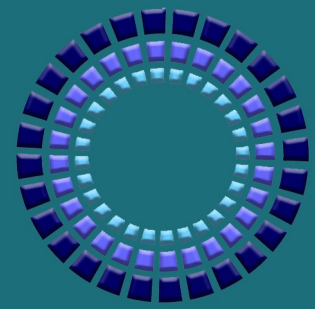
- *JD—Compliance Manager, 2nd largest energy firm in the nation*

Our special AI-Software Drives Nonlethal Active Countermeasures Onboard our Purpose-Built Appliances, Robots on the Rails™, One of The Security Oracle's Available Fixed and Mobile Platforms — an alternative often more effective and affordable than manned guarding!

Shown here, Robots are Protecting Rail Station Parking

THE SECURITY ORACLE™

Robots on the Rails™ —
Machine as a Service (MaaS) solution, often more affordable and effective than manned guarding! TSO delivers Hardware, Software and Services.
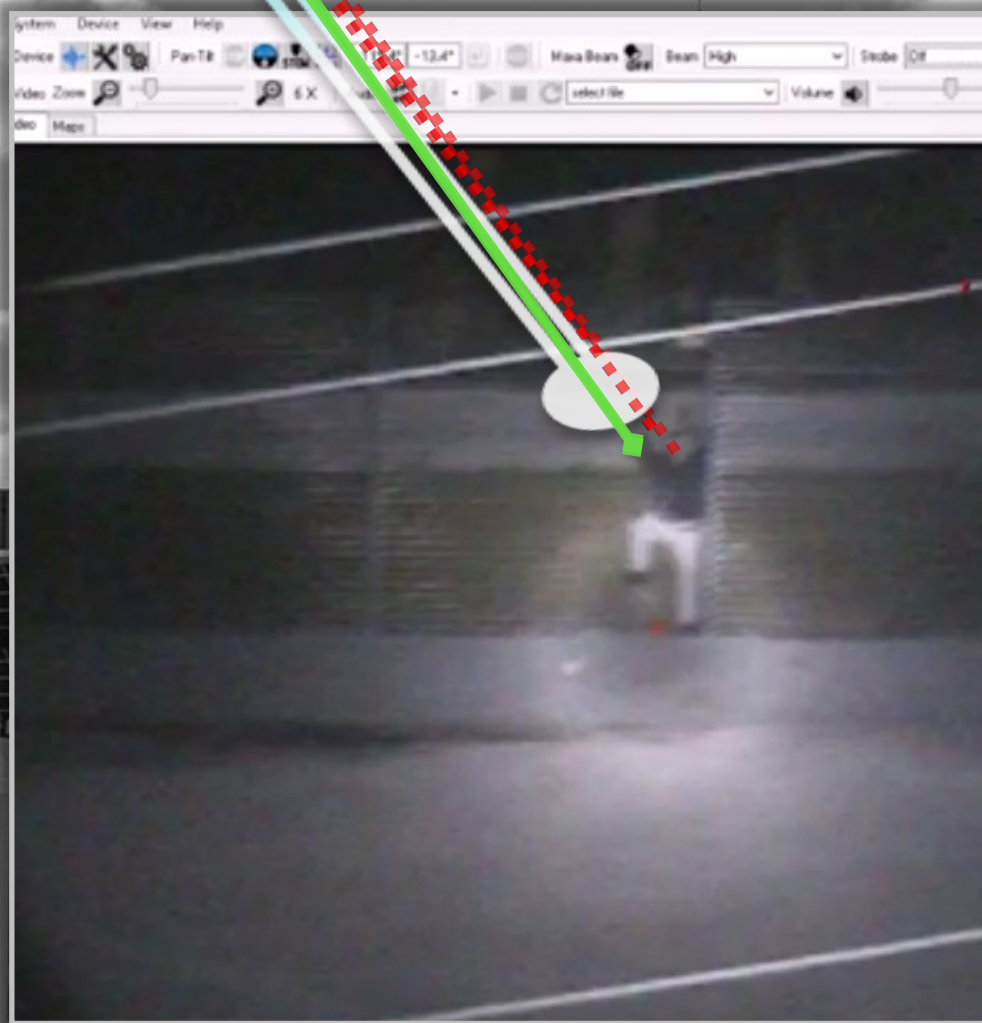
Robots On The Rails™

COMPLETE SITUATIONAL AWARENESS!

❖ **Robots on the Rails™** is a force-multiplying system that provides ALL Critical Infrastructure OWNERS new highly-effective, yet safe *Use-of-Force Continuum* tools to protect lives and assets.

❖ Actively utilizes non-lethal technologies, *hardware and software* to detect and delay the adversary by *safely* overwhelming their senses of
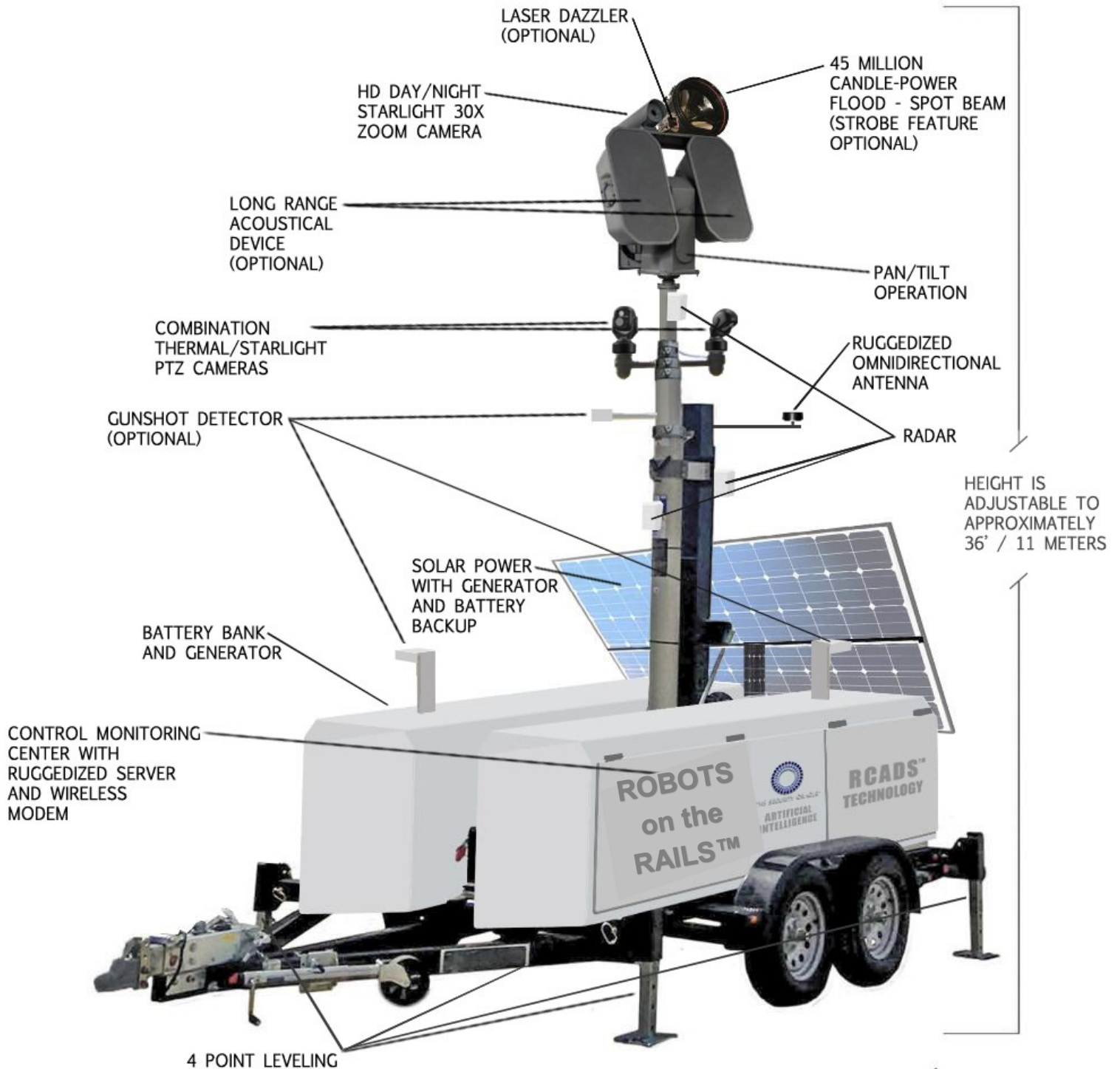
SIGHT   SOUND   &   TOUCH.

TSO's Robots on the Rails™ w/Bosch MICs & Radar

TSO delivers turnkey, AI driven, end-to-end *Robots as a Service*. (R a a S)

Robots on the Rails™ w/Radar

Robots on the Rails™ is a Force - Multiplier, Purpose-Built Appliance THAT STOPS ATTACKS ALMOST INSTANTLY

❖ Our team members are certified, master-designers and implement complex multi-regional critical infrastructure security protection systems.

❖ Our *Threat-Based Systems Approach* transforms current passive security systems into 'Active Defense Solutions' using best-of-breed technologies, *transformative hardware & software*.

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LASER DAZZLER
(OPTIONAL)

45 MILLION CANDLE-POWER FLOOD - SPOT BEAM (STROBE FEATURE OPTIONAL)

HD DAY/NIGHT STARLIGHT 30X ZOOM CAMERA

LONG RANGE ACOUSTICAL DEVICE (OPTIONAL)

PAN/TILT OPERATION

COMBINATION THERMAL/STARLIGHT PTZ CAMERAS

RUGGEDIZED OMNIDIRECTIONAL ANTENNA

GUNSHOT DETECTOR (OPTIONAL)

RADAR

HEIGHT IS ADJUSTABLE TO APPROXIMATELY 36' / 11 METERS

SOLAR POWER WITH GENERATOR AND BATTERY BACKUP

BATTERY BANK AND GENERATOR

CONTROL MONITORING CENTER WITH RUGGEDIZED SERVER AND WIRELESS MODEM

ROBOTS on the RAILS™

ARTIFICIAL INTELLIGENCE

RCADS™ TECHNOLOGY

4 POINT LEVELING

Best-of-Breed Technologies / Transformative
Hardware and Software are Onboarded!

64in / 162.56cm

ROBOTS on the RAILS™

ARTIFICIAL INTELLIGENCE

RCADS™ TECHNOLOGY

* ALL TERRAIN CHASSIS AVAILABLE

Robots on the Rails™ was presented to industry leaders and security directors of global companies during the 2018 Annual Secure Rail Conference in Orlando, FL. Considered a Critical Infrastructure Thought Leader, our CEO, Charles L Butler Jr. led teams working on Amtrak, WMATA, and CalTrain security. He explains TSO's 4-phased Machine as a Service (MaaS) hardware / software / services delivery to conference attendees. ROBOTS ON THE RAILS™ PROTECT 24/7/365 (thesecurityoracle.com)

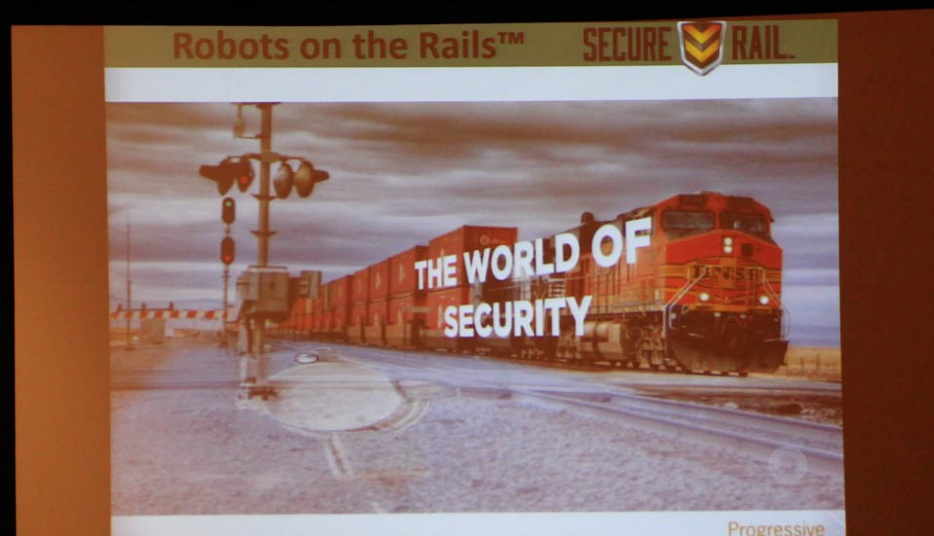| Phase 1	Phase 2	Phase 3	Phase 4
Analyzing Your Security Risk	Design Your Security Model	Delivering Your Custom System	Supporting Your Custom System
Our team specialists will come to your site to analyze and discuss your specific security risks.	All security applications are unique. Our team of experts custom design a plan to address your specific security risks and as required bring you into compliance.	Our RCADS® certified team of experts, with national and global expertise, install the complete physical protection system from barriers to mechanical and electronic equipment and software.	RCADS® Operator training and certification; support, maintenance and monitoring services are also provided as required.

TSO's Robots on the Rails™ was presented to the railway business community at the 2018 Secure Rail conference.

Robots on the Rails™ is a transformative platform, a *Game-Changer Security Appliance*.

❖ Via our Special 4-Phased Process, critical infrastructure OWNERS will understand the millions of dollars in ROI savings our **Robots on the Rails™** solution provides, versus reliance on an onsite 24/7 Manned Guards / Security Force.

Phase 1 – **Risk Assessment**
Phase 2 – **Conceptual Design**
Phase 3 – **System Delivery — Hardware and Software**
Phase 4 – **System Commissioning/ Continuing Support**

Robots on the Rails™ are AI driven and built via TSO's process that is patented in Europe, Japan and Hong Kong, and patent pending in the US and Canada.

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