



TruckSTOP™

Stopping Your Truck Before the Tunnel & Overhead Bridge Stops You

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- ✓ **Stop Overhead Bridge Damage¹;**
- ✓ **Stop Tunnel Damage¹;**
- ✓ **Stop Payload Damage¹;**
- ✓ **Stop Truck Damage¹;**
- ✓ **Stop Driver Indecision About Load;**
- ✓ **Stop Traffic Delays²**



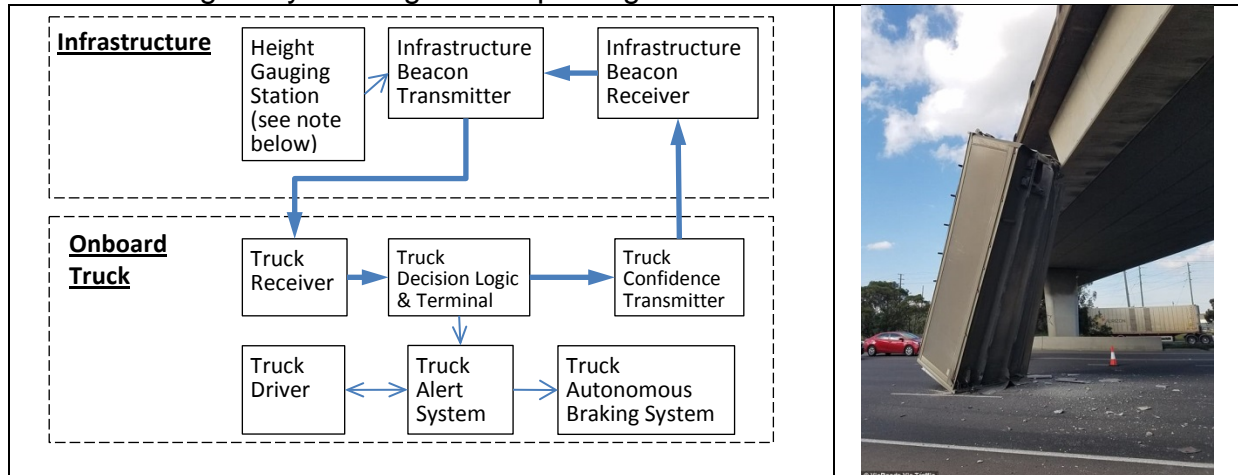
¹ Defeating the control or protective mechanisms of the product may lead to the failure of the product to protect the infrastructure as stated.

² With the exception that should a load be over height there maybe delays until it can be cleared notwithstanding that such delays would have probably been much longer if a collision had occurred.

How Does it Work

TruckSTOP operates through the unique combination of automated conversation between the truck and the infrastructure using a radio signal. If the truck does not fit under the obstacle the driver is alerted and if they do not take action, the truck is stopped autonomously before the obstacle.

TruckSTOP™ stops the truck absolutely no buts no maybes, no damage or embarrassing delays arising from impacting the infrastructure.¹



Overall Specification Excerpt (Note specifications subject to change without notice)

Infrastructure:	Type:	Integrated alert beacon ³ with height gauging station ⁴ go/no go (opt. Actual Load Ht.) & failsafe obstacle comms. protocol.
Truck:		Integrated processing terminal with GPS input & brake control output including indicator lamp indication and audible driver alert. Terminal includes 20x4 line text display and 16 character keyboard for manual data entry and manual control of braking.
Radio Communications:		Zigbee 2.4GHz, or IEEE802.15.4 or Half Duplex (Opt. 900MHz ISM) with integrated patch antenna assemblies with 4dB gain.
Vehicle Presence:		Tarmac detection loops with TIRTL trigger.
Braking System:		Integrated independent wheel skid system 24Volt solenoid activation (opt. CAN bus).
Height Gauging:		TIRTL assembly go/no go test based on height of obstacle/ obstruction (Opt. continuous height gauging station @ 100mm intervals)
Voltage & Power:		24 V DC, Power TBD
Housings:		Typically Roadside Doubly Insulated Cabinet
Temperature & Humidity::		60°C 95% Rel. Humidity

Available From:	325 Jackson Road, Sunnybank Hills, Queensland 4109, Australia. Email: kd@nufer.com.au Internet: https://www.nufer.com.au Telephone 61(0)7 3273 1793 Facsimile: 61(0)7 3273 5493 Mobile: 61 (0)428 645 046	nufer & associates Consulting Engineers
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³ Requires infrastructure beacon to operate system and brake accordingly.

⁴ The height gauging station is optional in that if the height of the load is known it can be entered into the system manually, or the height measured at an independent height gauging station at the truck terminal.