

TRADITIONAL FIRE PROTECTION SYSTEMS	EXACT TITAN FIRE PROTECTION SYSTEM
<b>General system characteristics</b>	
Hardwired system	Addressable CAN bus architecture
One or two systems protecting 1 to 2 compartments	One integrated system protecting 1 to 4 compartments
Very limited possibilities of integration with other vehicle systems, communication with other vehicle systems not possible	Can be integrated with other systems in the vehicle, communicates with other vehicle systems
Limited capability to automatically adapt to changing conditions	Automatic adaptability: When conditions change, Titan adjusts its mode of operation accordingly.
Fixed design (system and components)	Flexible, upgradable design (system and components)
<b>System configuration</b>	
Application-specific components – used in a limited number of applications	Standardized, in-system configurable components – can be used in all applications
Fixed factory settings	Field-upgradable
Fixed fire alarm and fire suppression logic	Configurable fire alarm and fire suppression logic
<b>Fire detection performance</b>	
Detection of fire by only one detector is enough to actuate the fire suppression process – risk of false alarms	Coincidence detection capability. Control unit receives information from several detectors and sources, analyses it and decides whether to initiate fire suppression activities - greater immunity to false alarms
Limited capability to detect different types of fire hazards	Capable of detecting all fires + armour penetrations, detection performance is always optimal
<b>Fire suppression performance</b>	
1 to 2 discharges into 1 to 2 compartments	1 to 4 discharges (1 to 4 fire/explosion incidents), the extinguishing agent being discharged into 1 to 4 compartments
<b>Installation</b>	
Traditional time-consuming installation	Streamlined wiring and installation
<b>Additional characteristics</b>	
Traditional user interface with buttons, switches & leds	Graphical user interface  160x128 pixel, full-colour OLED display, navigation & selection buttons, LED indicators, manual release button  Event log  UPS function