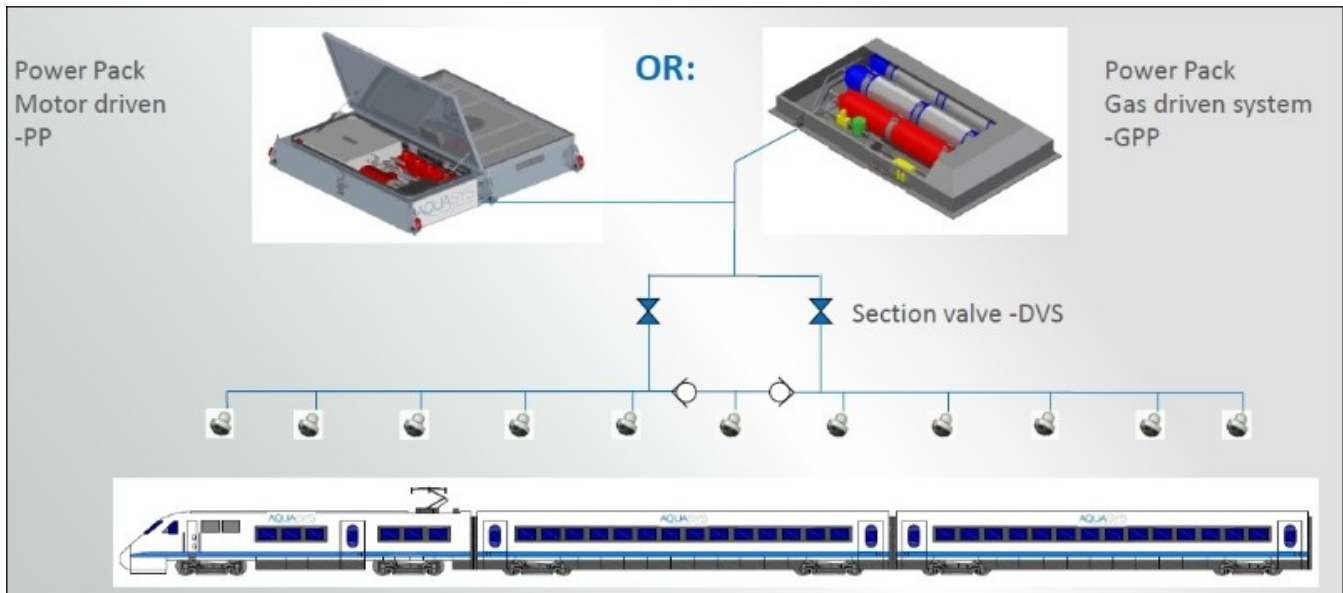


Passenger Rolling Stock increasingly protected against fire



While rail vehicles pose special challenges for fire fighting, power cars and their passenger cars are increasingly fitted with early fire detection and fire fighting systems.

For rolling stock applications we notice a trend towards high pressure water mist (HPWM). Advantages of HPWM include extremely rapid fire suppression, minimal water consumption, being harmless for humans and easy to install due to small pipe size (retro fit). Water mist protects against heat radiation and has excellent cooling capacity, while high quality stainless steel gives the system a long life span.

AQUASYS plays a major role in the development of HPWM and has focussed their R&D on rolling stock and underground rail infrastructure. Current AQUASYS systems for power and passenger cars combine early fire detection and fire fighting from a single system, with multiple warning devices installed per zone. The HPWM system is compact in size and often placed on the roof or under the floor. The areas to be protected can be zoned to reduce system size, while water mist systems can be customised per train set or per car.

Please click [here](#) to receive more information, visit the [FFT website](#) or contact Justin Bear at +61 2 9091 0360.

