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# Judicial Data Recorders (JRU)



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Judicial Data Recorders (JRU) are a crucial part of any rail vehicle system integrity regarding train control and monitoring system (TCMS) and its interaction with signalling systems such as ERTMS and CBTC.



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# SIL2 certificated for use on rail vehicles for modern on-board signalling.


## What do JRU's do?

JRU's monitor and log at a high-data capture rate, crucial safety, critical systems on a rail vehicle that can be used for analysing time-stamped data in the event of an incident.

JRU's contain crash protected memory to ensure that data is recoverable in the event of an incident.

The system is certified to SIL2 (Safety and Integrity Level 2) to meet the requirements of ERTMS / ETCS.


### Features & Benefits


 Compatible with onboard and trackside signalling systems.


 Software is supplied with the product.


 Safety Integrity Level 2 compliant.


 Crash Protected Memory


 Modular Construction 19" rack system.

 In the case of incidents vehicle conditions and driver actions can be retrieved.

 Each with 2 input signal.

 Data logs can be extracted and analysed through analysis software.

 Proven use with ETCS & CBTC.

 Two safety analogue outputs with signals in current or voltage proportional to the speed.
