Figure 7.1-7—Safety Automation System Architecture

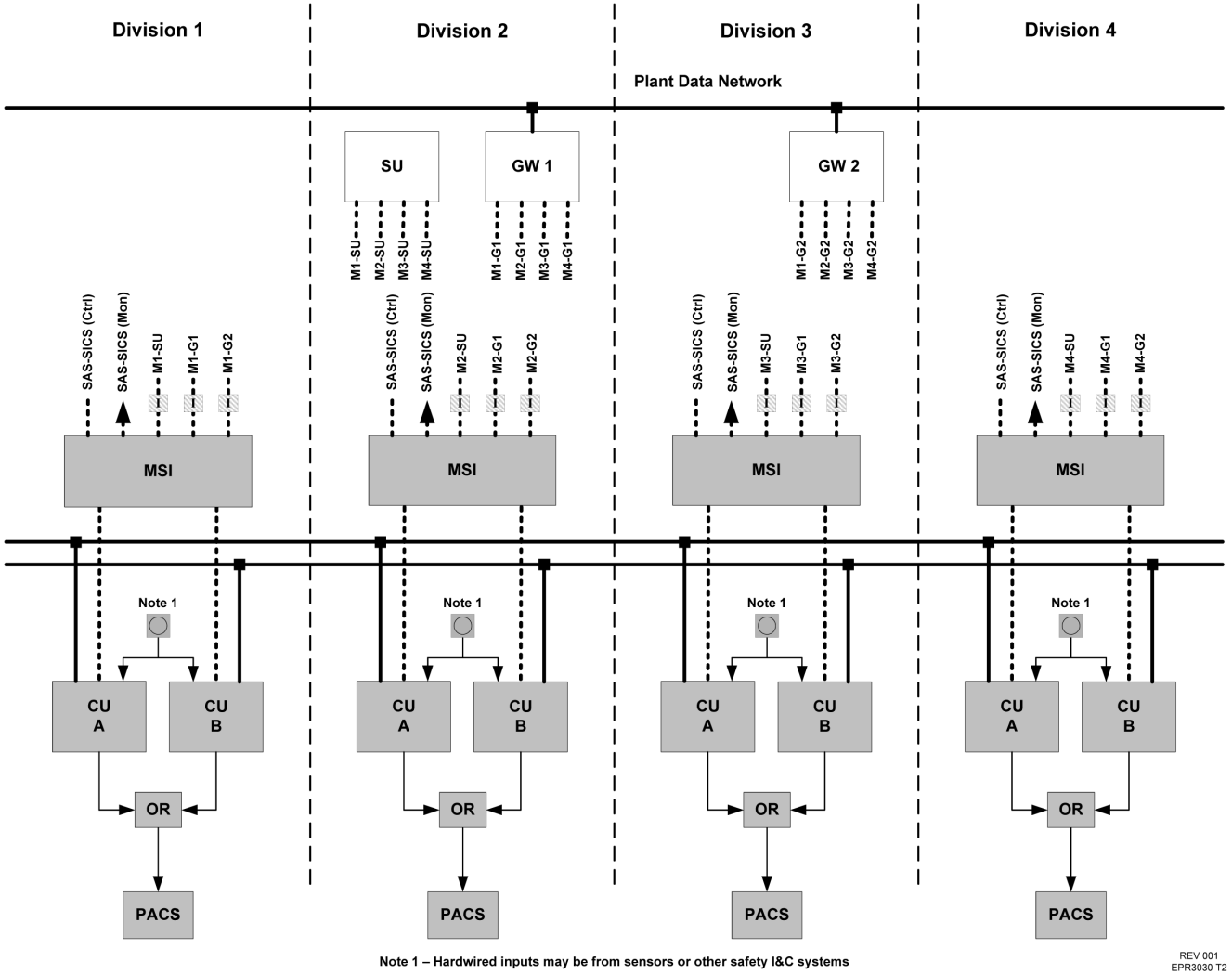
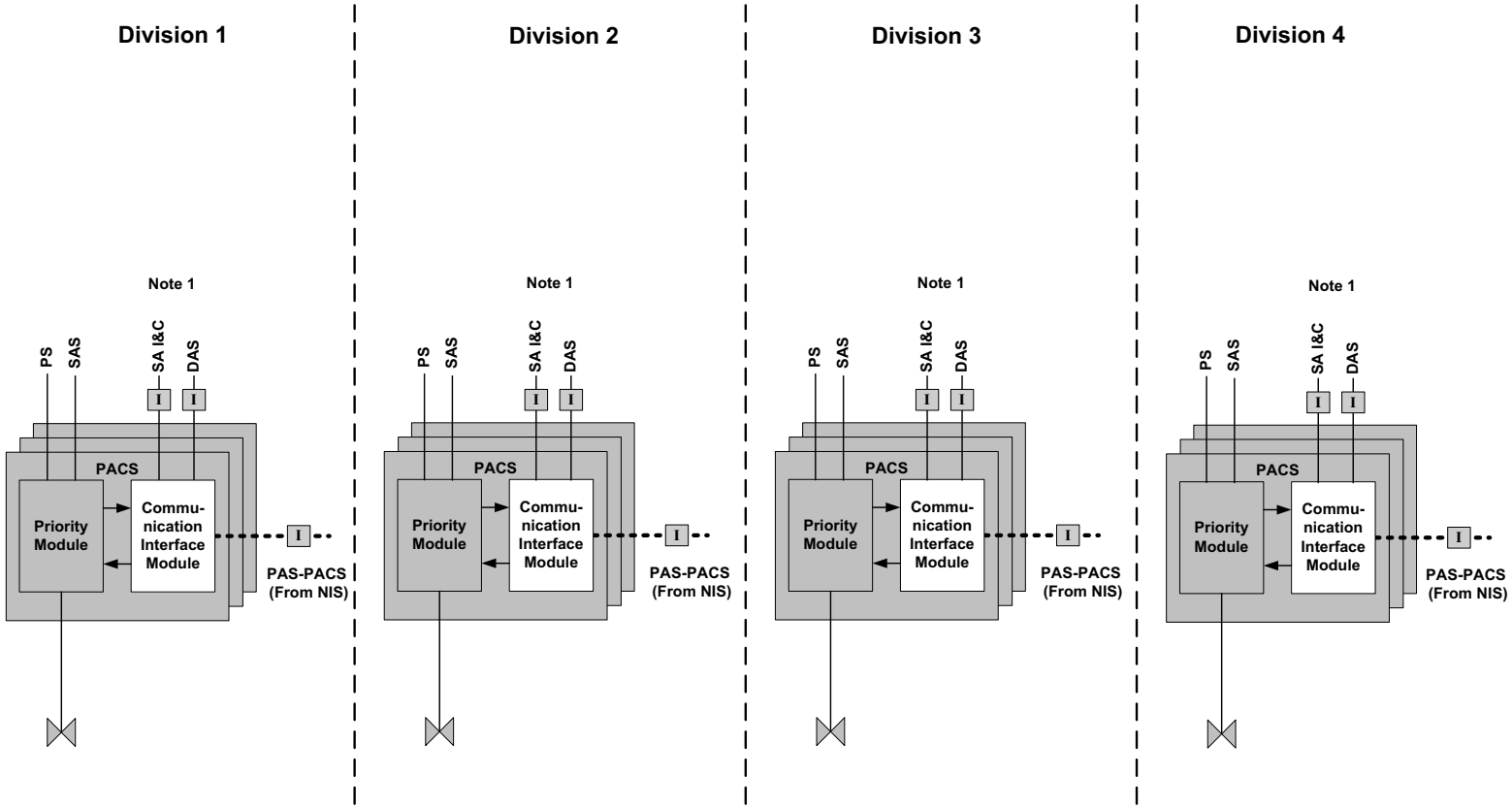


Figure 7.1-8—Priority and Actuator Control System Architecture



Note 1 – The assignment of the hardwired inputs is in accordance with the functional requirements for the actuator and the priority principles

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Figure 7.1-9—Severe Accident I&C System Architecture

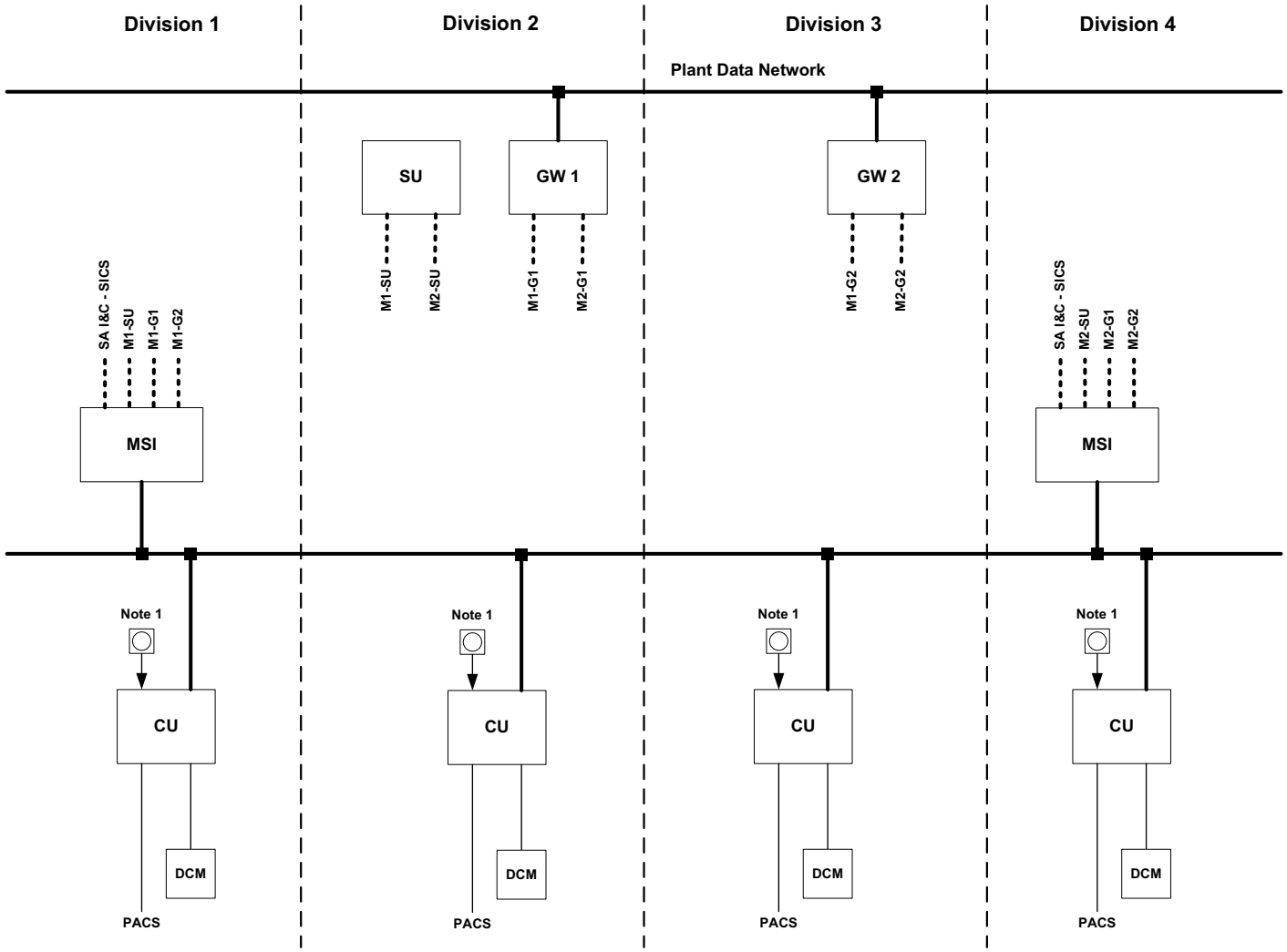


Figure 7.1-10—Reactor Control, Surveillance, and Limitation System Architecture

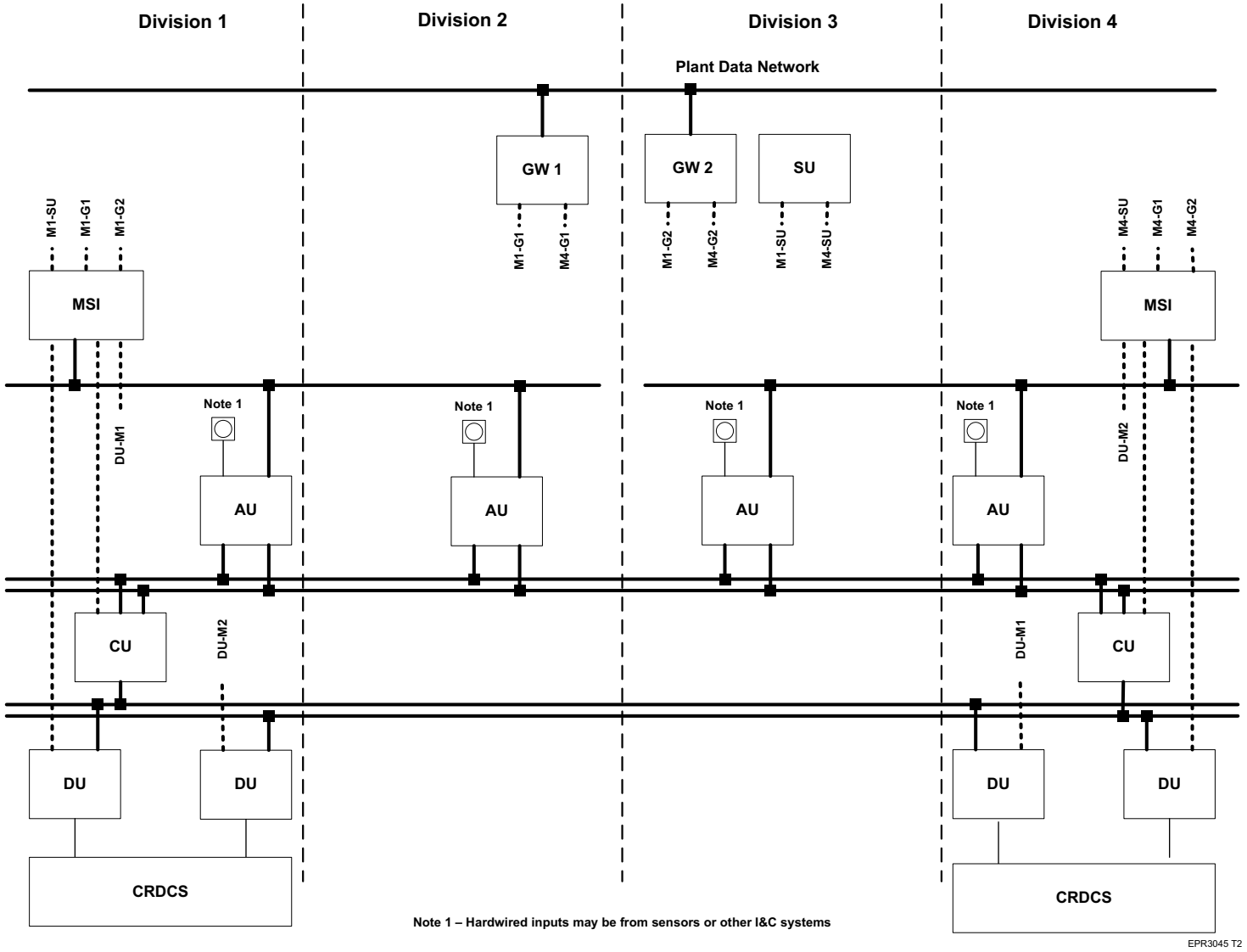


Figure 7.1-11—Process Automation System Architecture (Nuclear Island Subsystem)

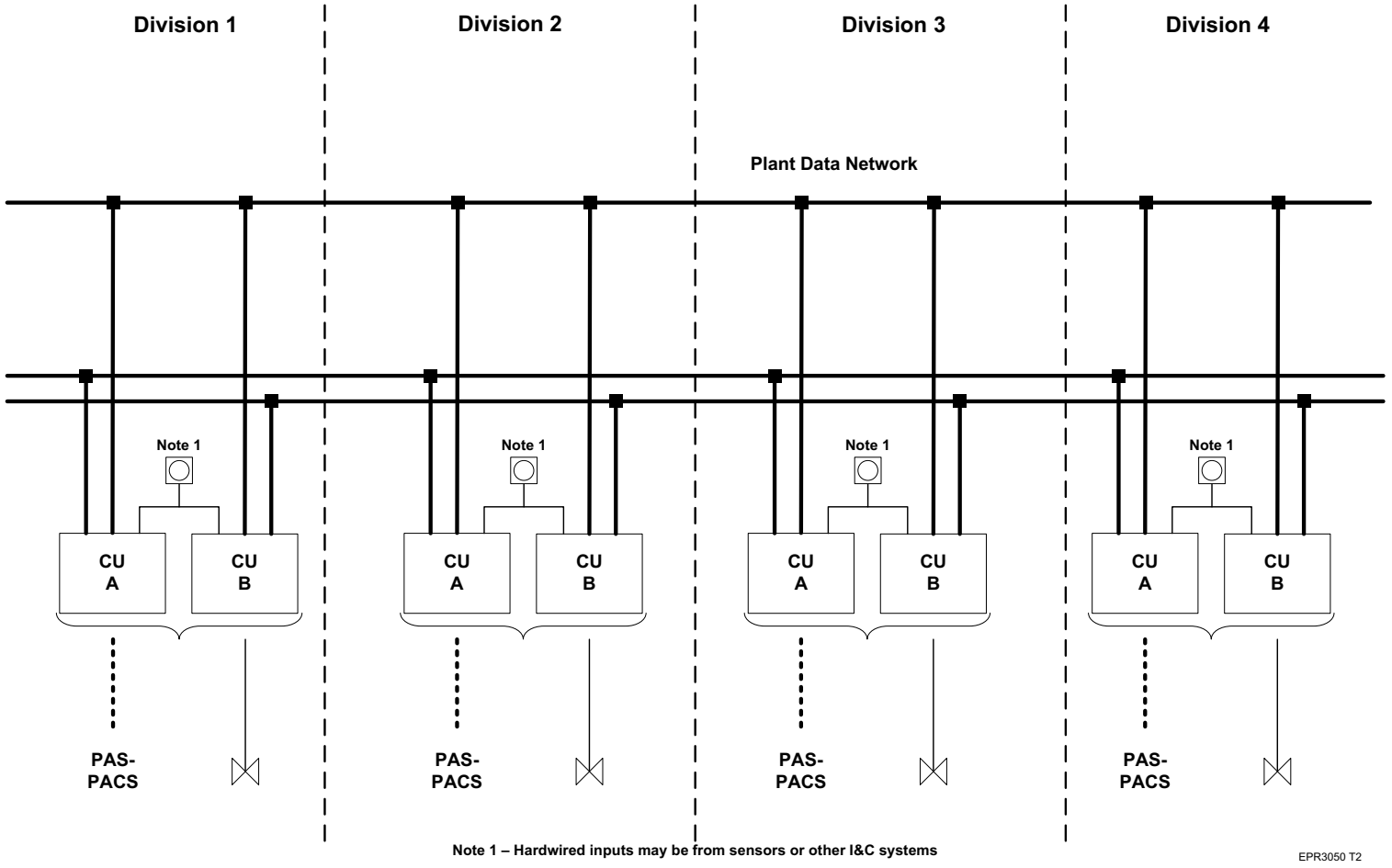
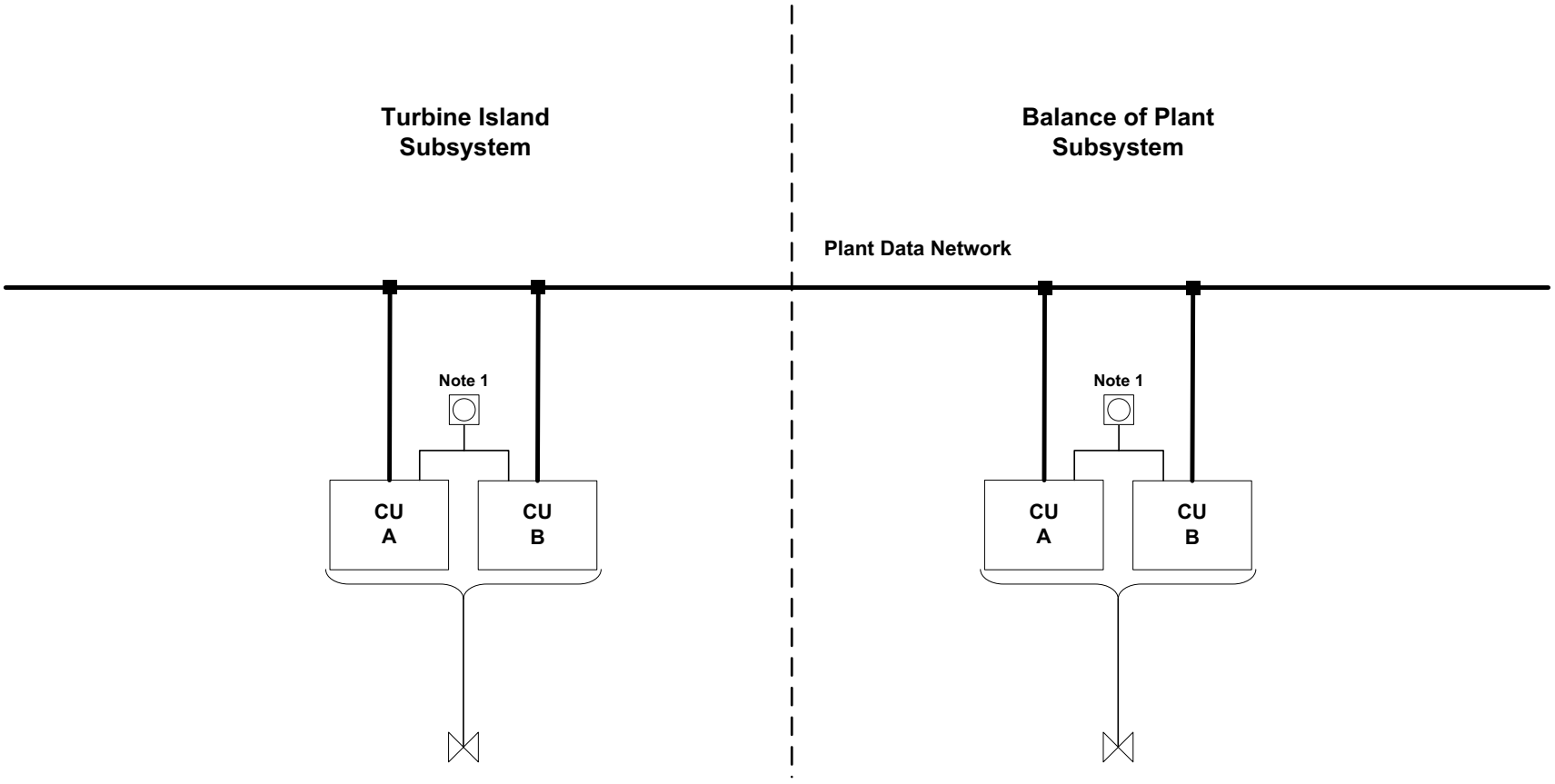


Figure 7.1-12—Process Automation System Architecture (Turbine Island and Balance of Plant Subsystem)



Note 1 – Hardwired inputs may be from sensors or other I&C systems

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Figure 7.1-13—Diverse Actuation System Architecture

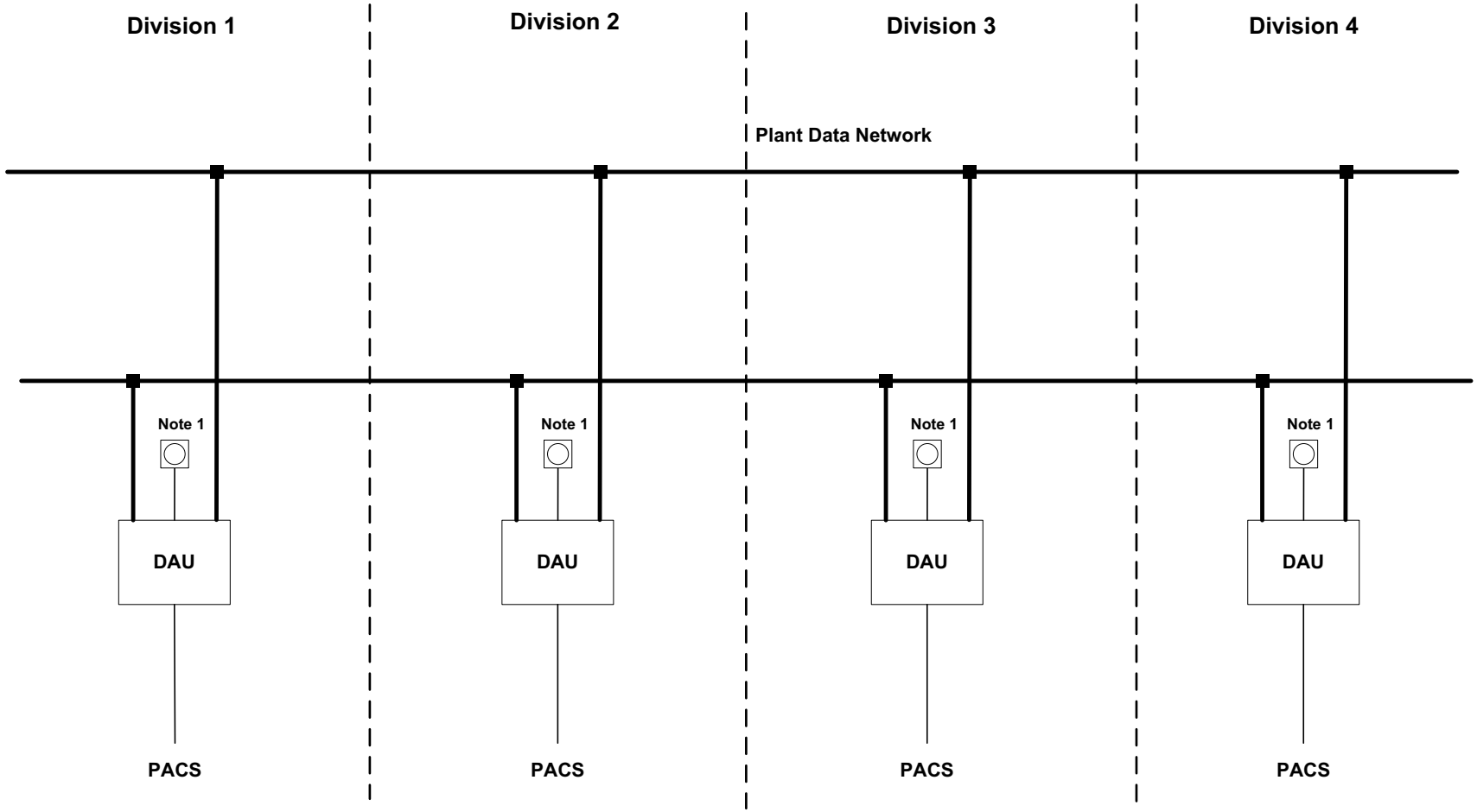


Figure 7.1-14—Measuring Ranges of Excore Instrumentation

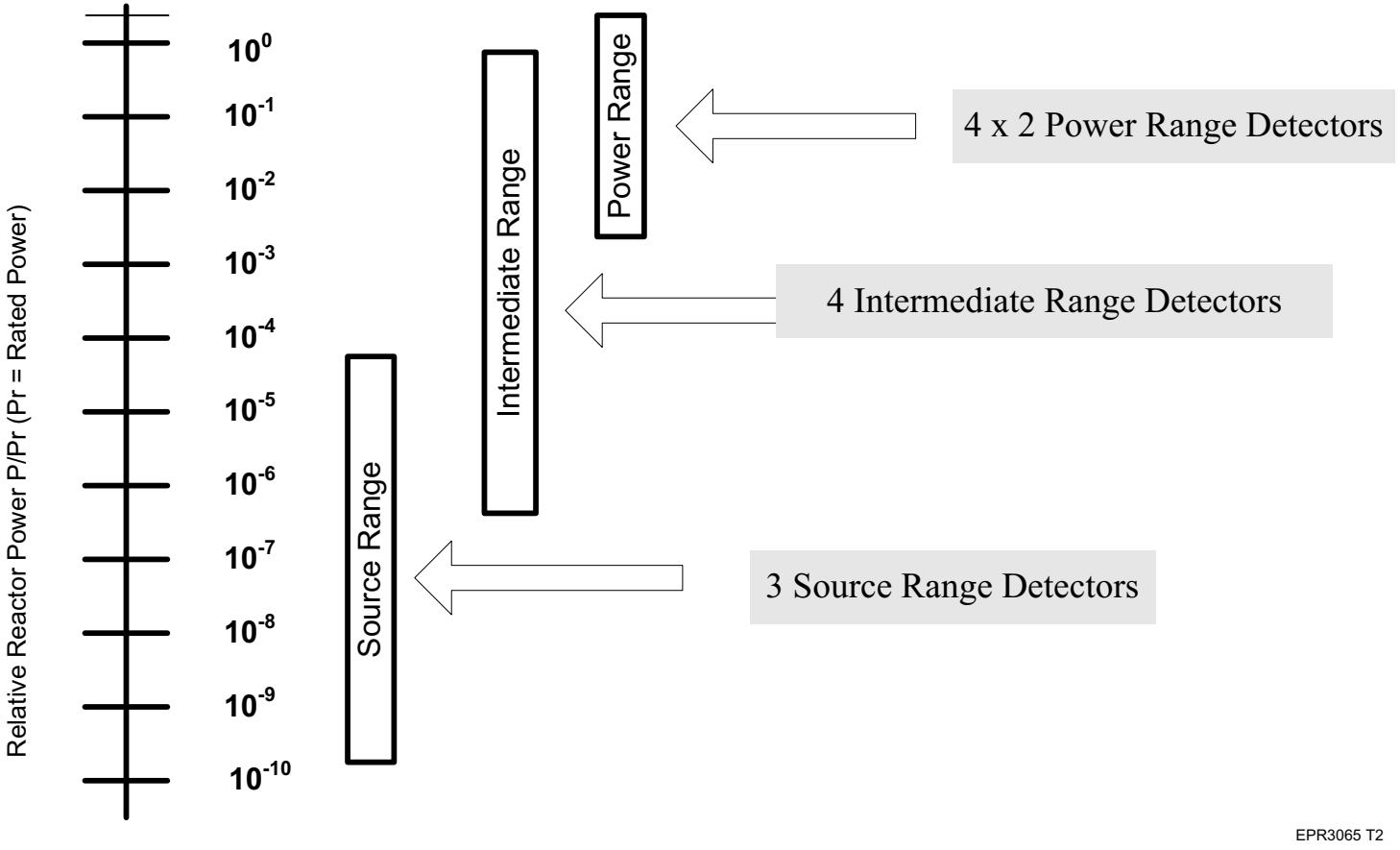
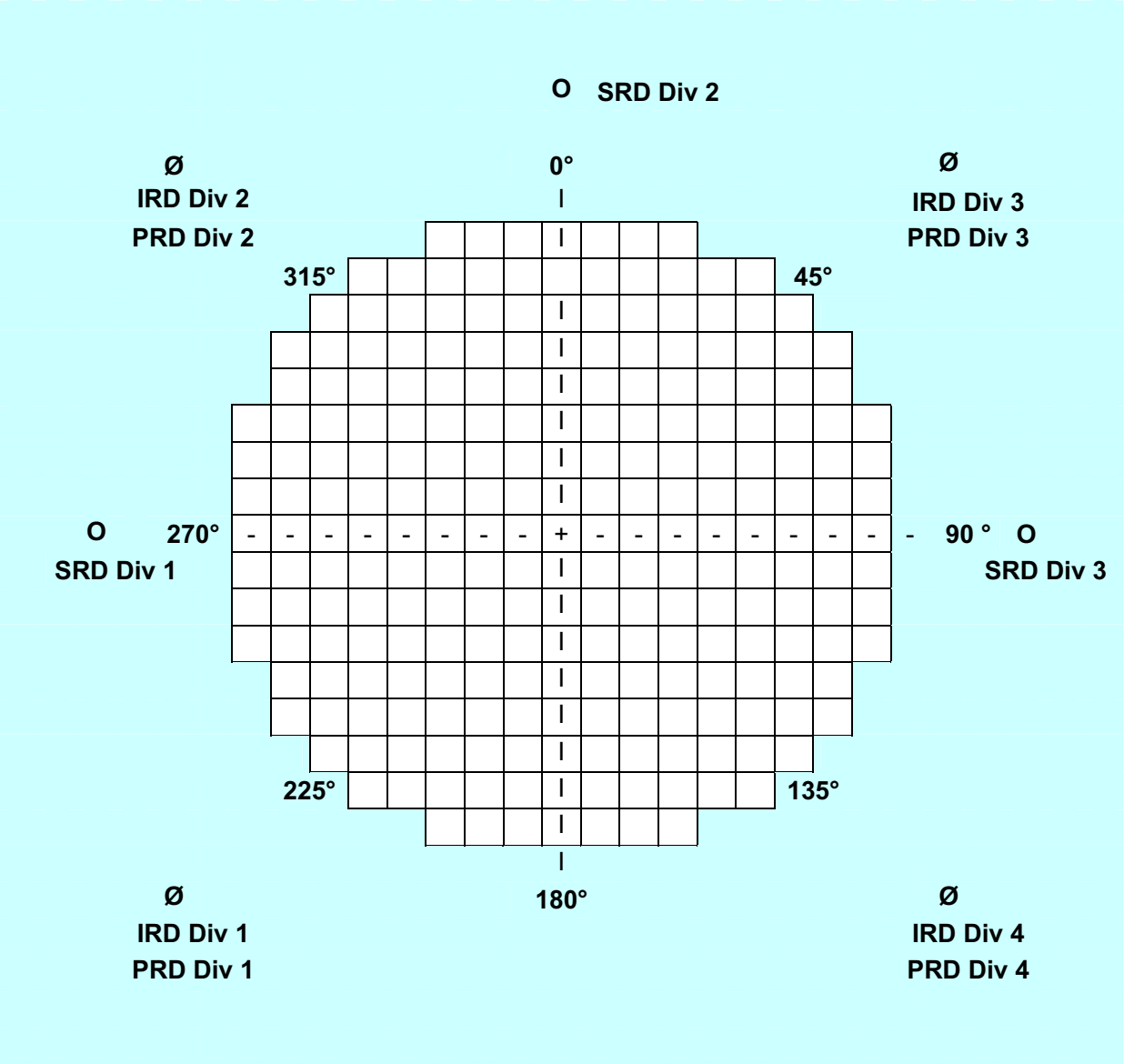


Figure 7.1-15—Excore Instrument Detector Locations



Notes:

1. PRD :	**Ø**	Power Range Detector	4 locations of 2 detectors
2. IRD :	**Ø**	Intermediate Range Detector	4 locations of 1 detector
3. SRD :	**O**	Source Range Detector	3 locations of 1 detector

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Figure 7.1-16—Boron Concentration Measurement System Arrangement

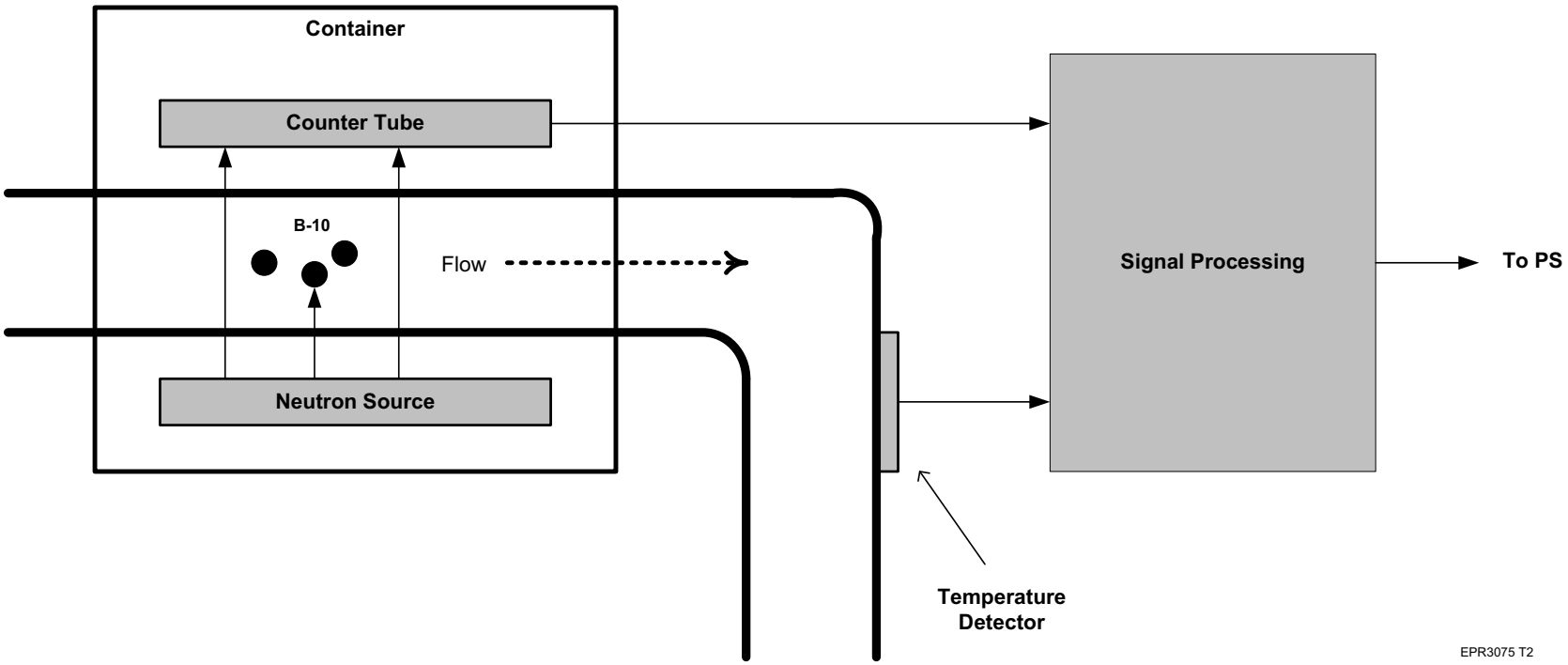


Figure 7.1-17—Implementation of Defense-In-Depth

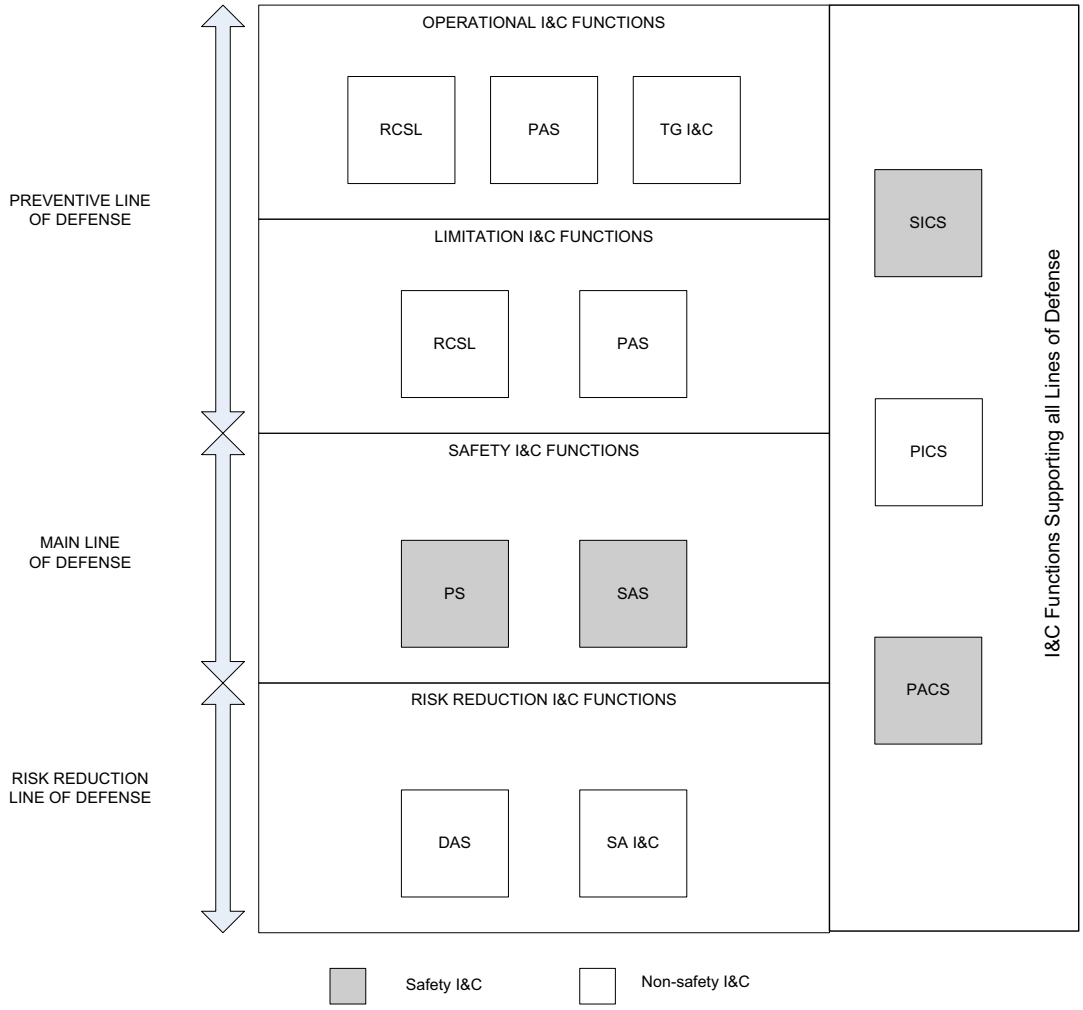


Figure 7.1-18—Deleted

Figure 7.1-19—Implementation of Independence Between Redundant Divisions

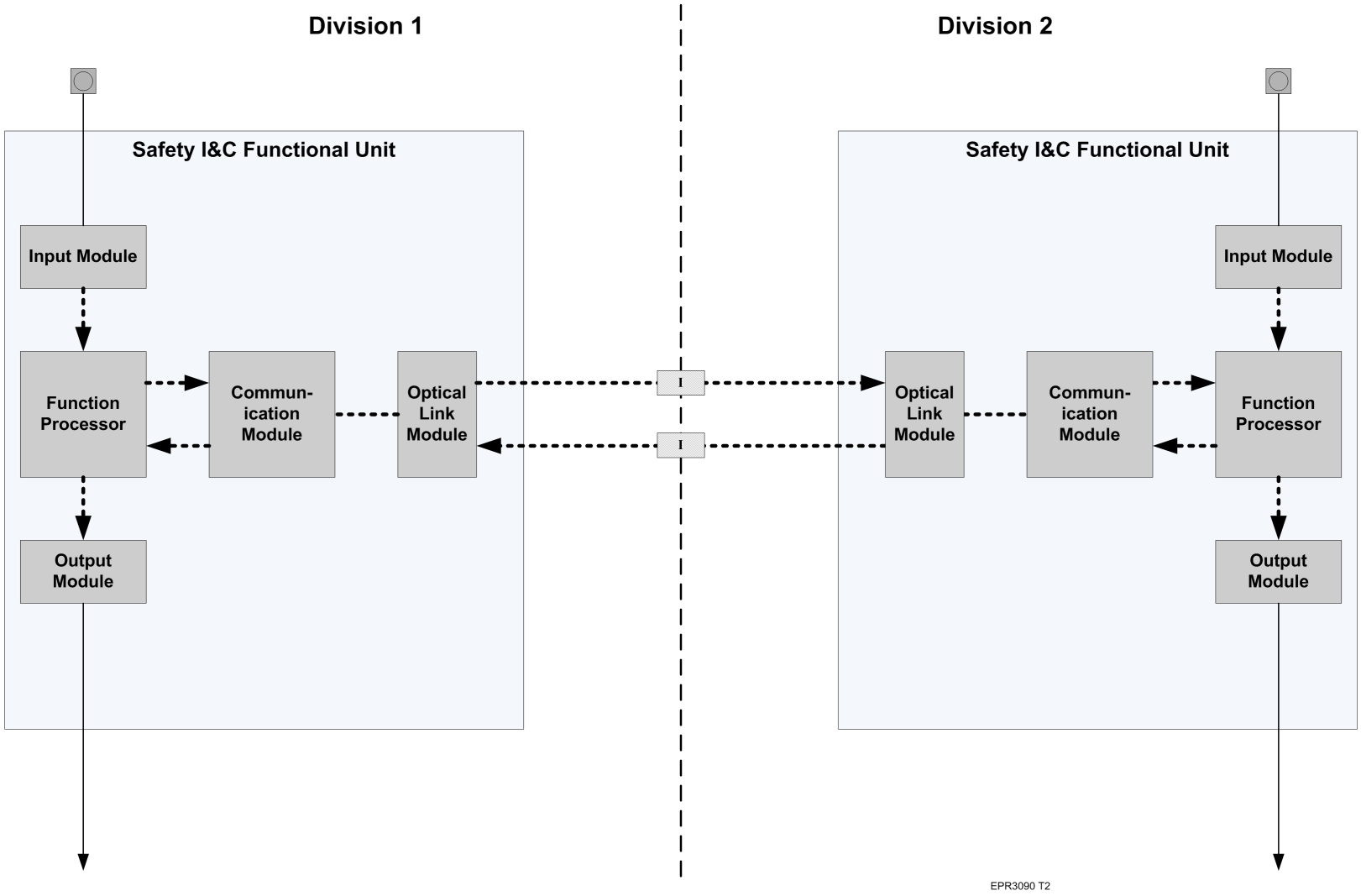


Figure 7.1-20—Implementation of Independence Between Safety and Non-Safety I&C

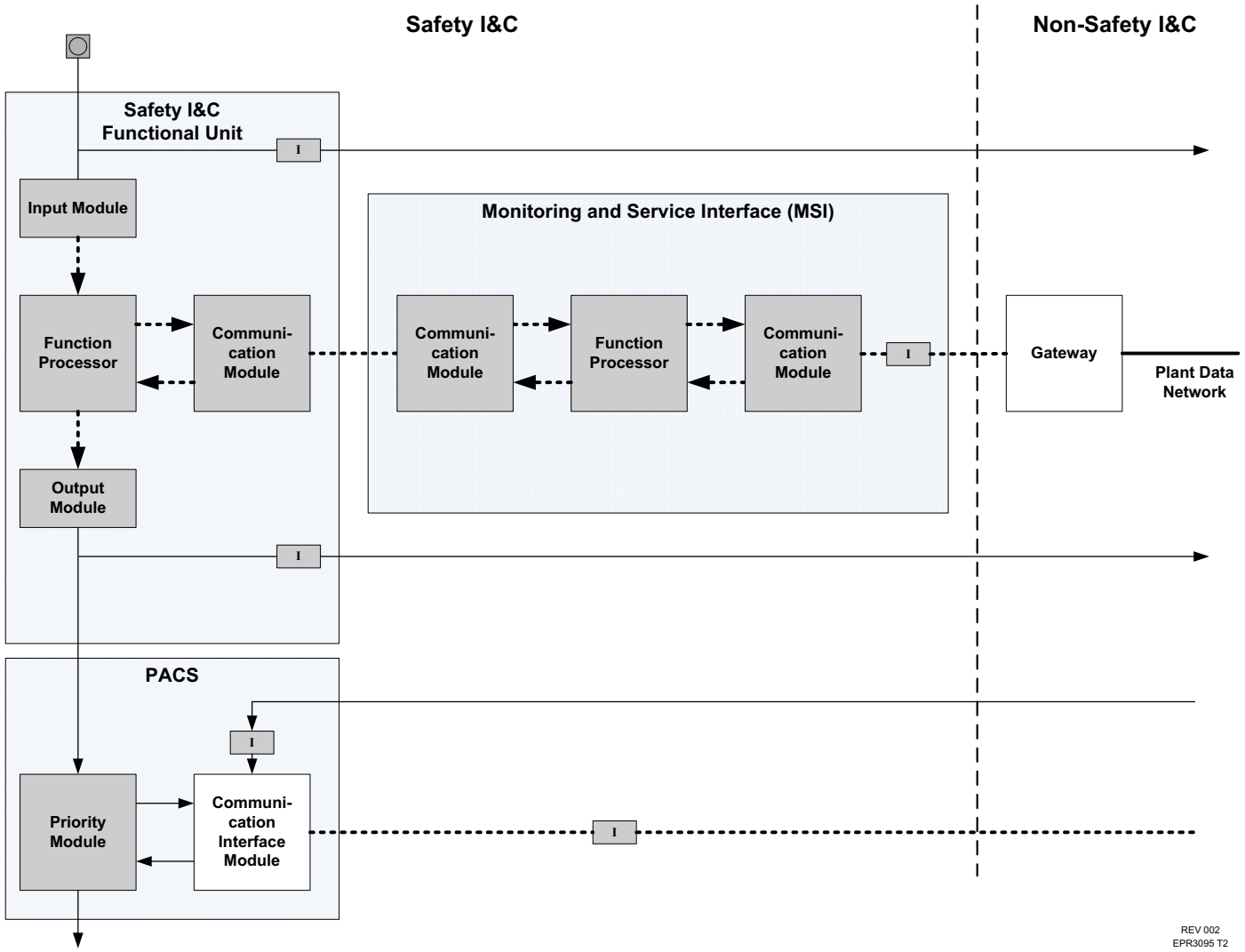
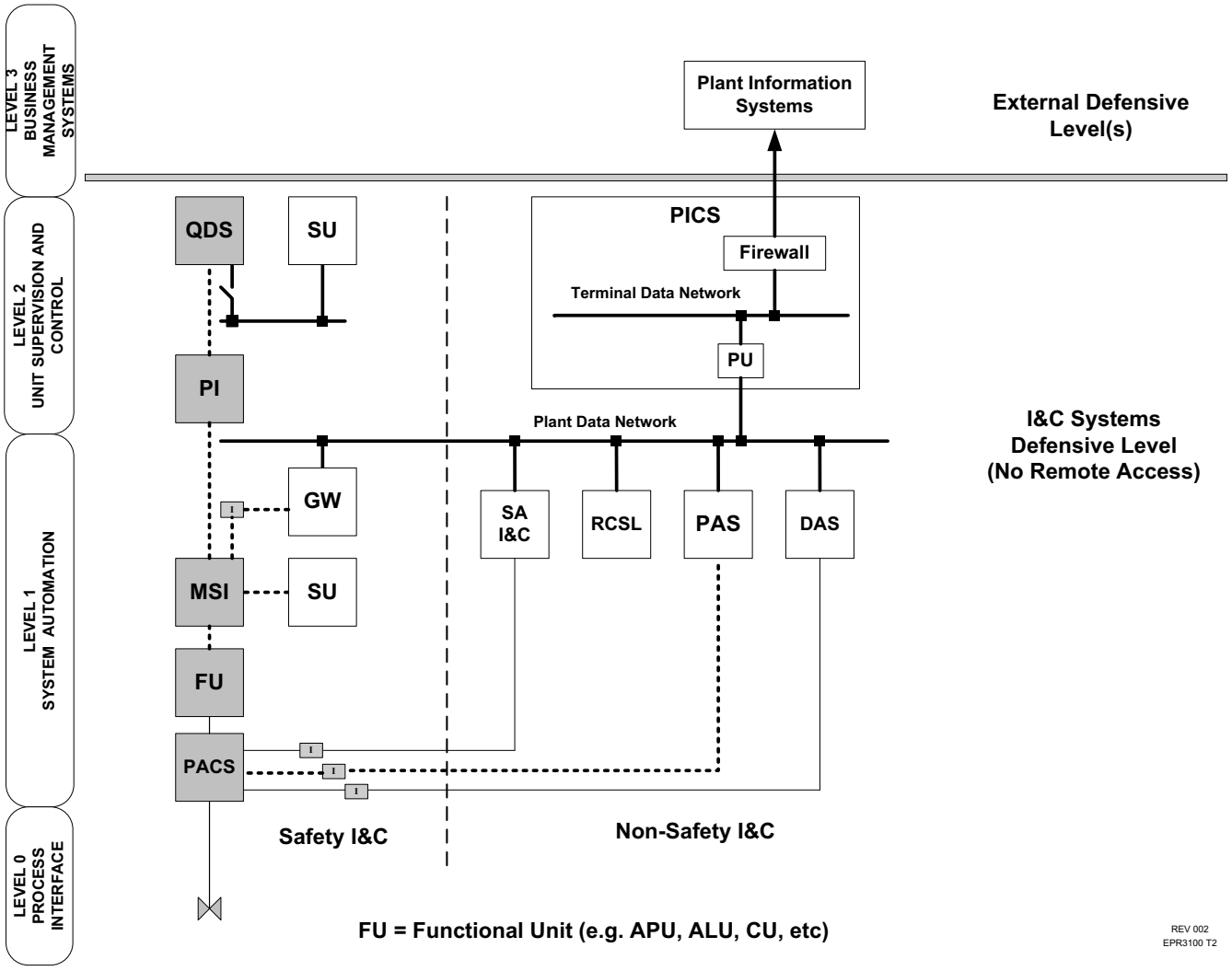


Figure 7.1-21—Levels of Defense for Cybersecurity



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