



# Concept 715: COM Handler

Final release planned for R25-11

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# COM Handler

Release planned for R25-11



Challenge	Solution
<p>In principle, bus network errors like</p> <ul style="list-style-type: none"><li>• COM errors and</li><li>• E2E errors from RTE or</li><li>• notification errors from BSW (COM &amp; SecOC modules)</li></ul> <p>are visible to applications (SWCs), but <b>each SWC needs to implement individual error handling and diagnostics routines</b> based on the type of signals (Inter-ECU or Intra-ECU).</p> <p>This <b>decreases reusability</b> of these applications (SWCs) and leads to <b>vendor lock-ins</b>.</p>	<p>The <b>COM Handler abstracts the module specific errors from the application</b> by providing only generic status about the signal like, signal not available, signal error value, etc.</p> <p>It <b>further centralizes the handling of errors</b> from COM, SecOC, E2E <b>and the respective error reporting to the DEM</b>.</p>

Improved reusability of application software, independency of specific deployment  
(less extra effort in integration and configuration)