

System

True Integrity

Ensure your well system is performing with True Integrity

Overview

True Integrity depends on the condition and sealing performance of well system barriers working together to support safe flow – and one can't work without the other. True Integrity diagnostics critically evaluate both aspects to expose the complete picture.

Well system behaviour is contingent on integrity dynamics. Understanding the collective integrity of the tubes, seals, and barriers that make a well function is crucial to guarantee secure passage for pressurised fluids.

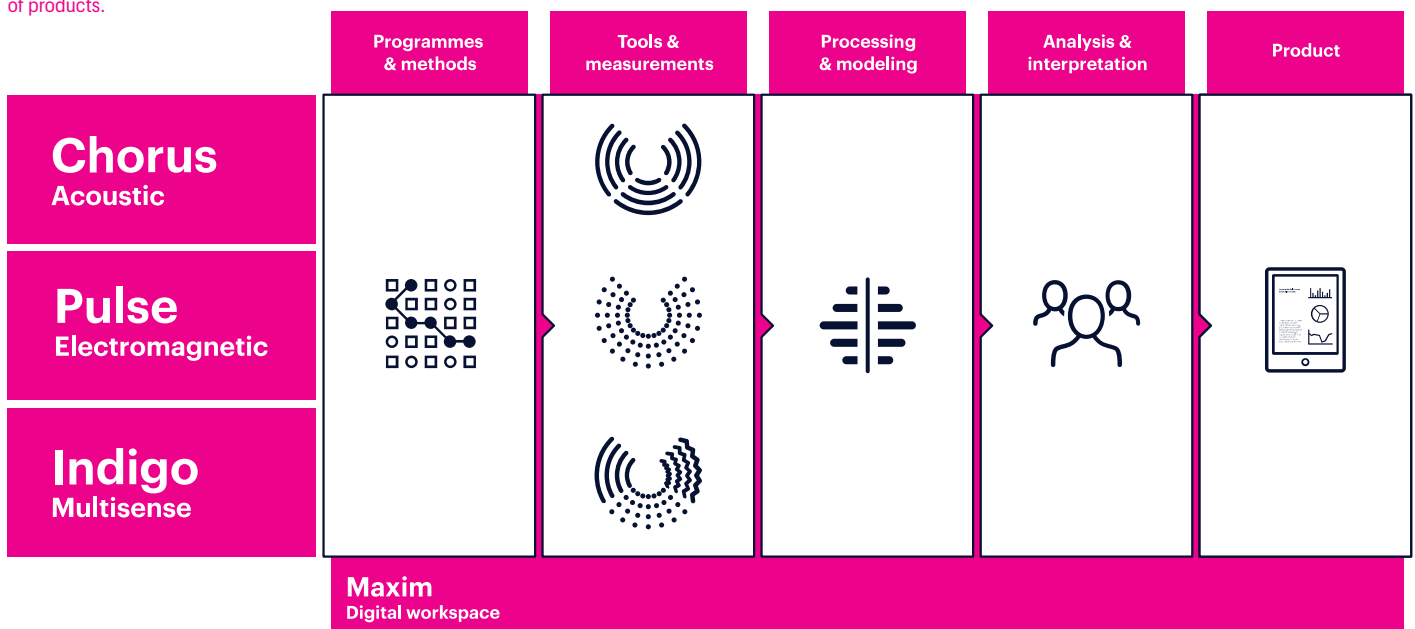
True Integrity takes a proactive approach to mitigating future performance issues with a health check that ensures you are able to anticipate and act without delay.

The system approach

True Integrity diagnostics require more than a tool. Our through-barrier diagnostic system assesses the reality of your well system's current condition and sealing performance with a unique design, based on accuracy, fidelity and totality to produce actionable data.

Each ingredient in the True Integrity system is the result of our ingenuity and relentless drive to reveal a greater truth.

The final link in the True Integrity diagnostic system is our tailored portfolio of products.



Our True Integrity diagnostic system follows a proven workflow and is powered by four remarkable technology platforms – Chorus, Pulse, Indigo and Maxim. Tasked independently, they come together within the Maxim digital workspace to reveal a complete picture of tube and seal integrity throughout the well system.

The product approach

The final link in the True Integrity diagnostic system chain is our tailored portfolio of proprietary products.

The products are designed to address a duo of integrity challenges. Tube Integrity products evaluate the condition of well completion tubulars while Seal Integrity products evaluate barrier sealing performance, both critical to keep your well safe and productive.

True Integrity Products	
Tube	Seal
<ul style="list-style-type: none"> Multi Tube Integrity Evaluates tube integrity of multiple barriers 	<ul style="list-style-type: none"> Multi Seal Integrity Validates sealing performance of multiple barriers
<ul style="list-style-type: none"> Primary Tube Integrity Evaluates tube integrity of primary barriers 	<ul style="list-style-type: none"> Primary Seal Integrity Validates sealing performance of primary barriers
<ul style="list-style-type: none"> Chrome Tube Integrity Evaluates tube integrity in a chrome completion 	<ul style="list-style-type: none"> Packer Seal Integrity Validates sealing performance of completion packers
<ul style="list-style-type: none"> Dual String Tube Integrity Evaluates tube integrity in dual completions 	<ul style="list-style-type: none"> Cement Seal Integrity Validates sealing performance in cemented annuli
<ul style="list-style-type: none"> Collars Tube Integrity Evaluates integrity of casing collars 	<ul style="list-style-type: none"> Drilling Losses Locates drilling fluid losses

Technical papers

SPE-190888-MS: Subsea Well Envelope Integrity Assessment Utilizing Electromagnetic Pulse and Spectral Noise Logging

SPE-188547-MS: Cathodic Protection Effectiveness Evaluation in ADCO Wells Utilizing Multi Barrier Magnetic Defectoscopy

SPE-188656-MS: An Integrated Approach to the Integrity Diagnostics of Underground Gas Storage Wells

SPE-186129-MS: The Sound of Silence: Innovative Approach to Confirm Barriers using Spectral Noise Logging