TGT

System

True Flow

Know where your flow is going with True Flow

Overview

True Flow diagnostics reveal elusive flowpaths around the entire well system, so you can get an accurate picture of where your flow is – or isn't – going.

Understanding how fluids flow between permeable formation layers and the well completion is key to managing performance. Including those behind casing in unperforated zones, and between producing or injection layers.

True Flow gives you a detailed picture of well system dynamics, so you get the insights you need to make informed decisions and ensure

you are connecting the right fluids to the right places, safely, productively and profitably.
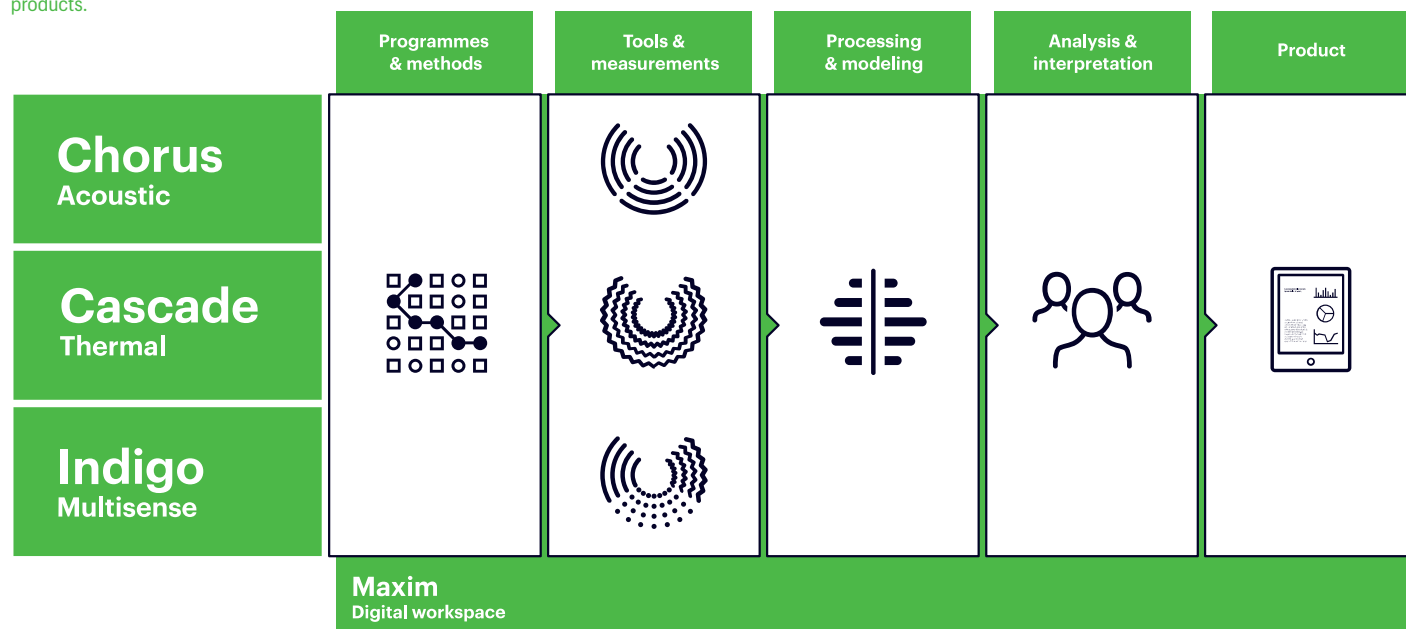
The system approach

Much of what affects performance happens outside the wellbore, beyond the reach of conventional tools. That's why we use diagnostic systems, not just tools.

They see more, completely and accurately, from the wellbore to the outer reaches of the well, into the reservoir.

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

The final link in the True Flow diagnostic sytem is our tailored portfolio of products.

	Programmes & methods	Tools & measurements	Processing & modeling	Analysis & interpretation	Product
Chorus Acoustic					
Cascade Thermal					
Indigo Multisense					

Maxim
Digital workspace

TGT

The picture they reveal enables you to better understand what is happening and manage your well more effectively.

Our True Flow diagnostic system follows a logical workflow and is powered by four remarkable technology platforms—Chorus, Cascade, Indigo and Maxim. Each platform is charged with a specific task but works together to reveal a more complete picture of flow within your well system.

The product approach

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

The products are designed to address the full spectrum of well system flow challenges. True Flow products provide the in-depth answers you need to keep your well performing productively and profitably.

True Flow Products

Total Flow
Locate and quantify flow in the well system

Dual String Flow
Locate and quantify flow in dual completions

Reservoir Flow
Evaluate flow geometry at the reservoir

Fibre Flow
Locate and quantify flow in the well system with fibre optics

Wellbore Flow
Locate and quantify flow in the wellbore

Sand Flow
Locate and quantify sand production in the wellbore

Fracture Flow
Locate flow before and after hydraulic fracturing

Reservoir Pressure
Evaluate and quantify formation pressure

Stimulate Flow
Locate and quantify flow before and after stimulation

Horizontal Flow
Flow diagnostics perfected for horizontal wells

Technical papers

SPE-191011-MS: Defining Downhole Contribution/Injection Profile in Multi-Zone Completion by Temperature and Spectral Noise Logging

SPE-191338-MS: Out of Zone Injection

SPE-182856-MS: Formation Pressure Evaluation for producing wells without shutting down the well, using Triple Spectral Noise Logging (TSNL)

SPWLA-2013-TTT: Complementing Production Logging with Spectral Noise Analysis to Improve Reservoir Characterisation and Surveillance