

# Avizo Software for Digital Rock Analysis

## Geological data analysis for reservoir evaluation

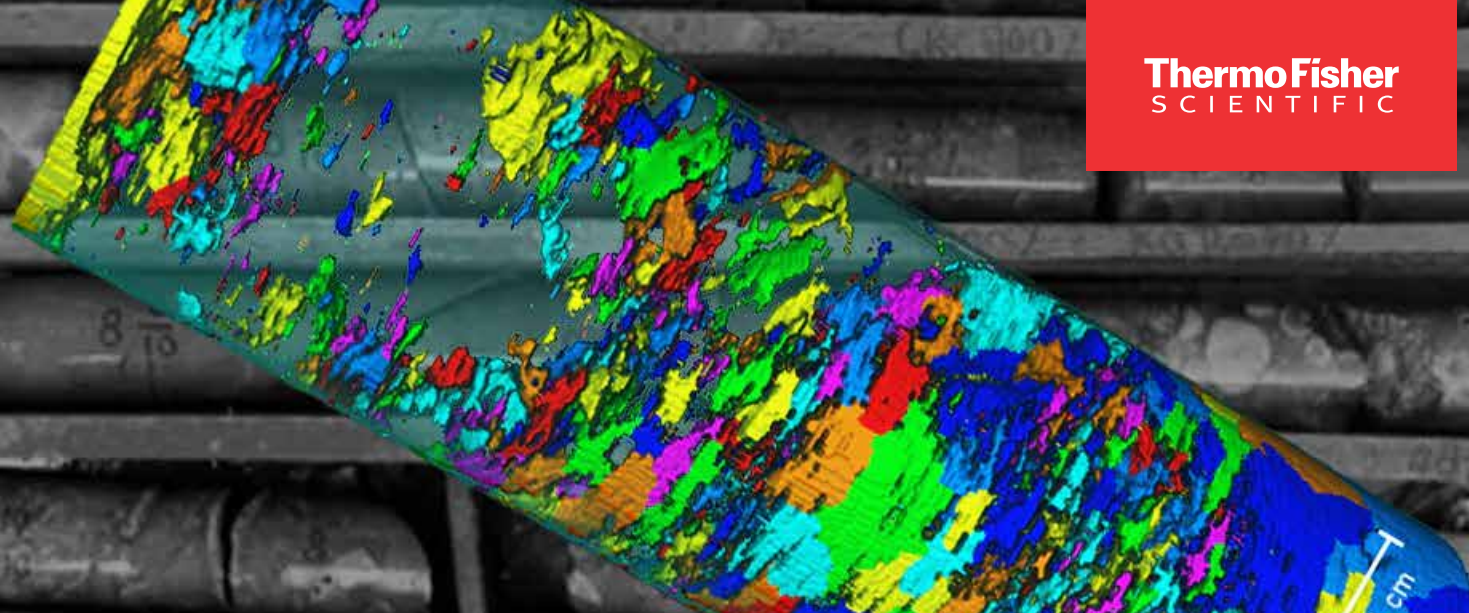
From whole-core CT to SEM, Thermo Scientific™ Avizo™ Software for Digital Rock Analysis (DRA) represents a unique solution for digital rock analysis trusted by oil & gas peers.

Its visualization, processing, and analysis of 2D and 3D digital rock imagery enable improved evaluation of reservoir quality and faster understanding of static and dynamic rock properties that impact production.



Learn more at [thermofisher.com/avizo](https://thermofisher.com/avizo)

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## Core profile co-visualization

Avizo Software for DRA offers a dedicated workspace that enables co-visualization of whole-core CT, core photography, and petrophysical logs in a single environment. The XCore Profile extension also creates virtual logs based on whole-core CT data for further calibration and communication of how changes in rock type impact how petrophysical properties are measured down-hole, and it allows creation of template reports for processing routine analysis.

## 3D modeling and simulation

Avizo Software for DRA provides a workflow to generate and extract a pore network model (PNM) based on 3D image data. It provides insight into pore and throat size distributions as a natural outcome of producing a pore network model. It also offers a powerful suite of advanced models for rock property analysis and simulations to obtain properties such as absolute permeability, formation factor, thermal properties, and molecular diffusion.

