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# Chromeleon CDS in the oil and gas industry

Scalable, secure, standardized

**ThermoFisher**  
SCIENTIFIC

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Professionals across all aspects of the oil and gas and chemical/petrochemical industry – from lab and IT management and quality control to regulatory affairs and senior management – are increasingly faced with data management challenges. From exploration and extraction to refining and shipping, small inefficiencies in the laboratory can add up to time lost and margins eroded.

You can count on Thermo Scientific™ Chromeleon™ Chromatography Data System (CDS) software to help you increase chromatography laboratory productivity, ensure 24/7 uptime of your laboratory, shorten turnaround time and ensure compliance with industry regulations.

## With Chromeleon software you can:

- Get a single solution for your laboratory workflow designed to deliver improved efficiency and productivity
- Comply with ISO 17025 and other industry regulations
- Integrate with your current instruments, laboratory and enterprise software to make the most out of your existing technology investment



# Oil and gas workflow



### Exploration

Easy access to data generated in the field, no matter where you are



### Production

Predefined templates for common tests ensuring repeatable, error-free execution of tasks saving considerable amount of time



### Transportation

Ensuring data security during all stages of the production workflow



### Refining

Transform process sample results into valuable information for unit operations, quality control and marketing



### Storage

Instant quality control at any point in the production cycle



### Distribution

Connectivity of CDS and other business critical software provides direct access to Certificate of Analysis to ensure product quality

## Chromeleon CDS brings...



### ...efficiency



Standardized and centralized software solution for low cost of operation

- Single software solution for universal instrument control, reduces learning, management and maintenance
- Scalable from workstation to global enterprise
- Centralized data storage for global access
- Adaptable from walk-up user to system administrator



### ...security



Ensure business continuity and data integrity and security

- Comply with industry specific regulations
- Central storage for optimum data security
- Unique network failure protection keeps laboratories up and running

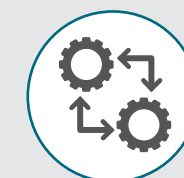


### ...productivity



Enable more 'Right-First-Time' analyses

- Instrument-centric workflows reduce errors and produce reliable results faster
- Fully automated system checks provide confident results without sample re-analysis
- Intelligent data processing tools drastically reduce time and effort
- Built-in report templates instantly show results



### ...connectivity

- Tight integration with Lab Information Management Systems (LIMS) and other business critical software
- Direct link with Thermo Scientific™ SampleManager™ LIMS
- Tools for direct connection to other software
- Advanced Programming Interface (API) to create any connection required
- Chromeleon Process Analyzer for on-line process monitoring



Join the Chromeleon CDS community to future proof your investment:  
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Like Charlie Chromeleon on Facebook to follow his travels and get  
important updates on chromatography software!  
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