



GUIDANT

Well Allocation Metering System

Total control. Manage allocation uncertainty and inaccuracy.

Our Well Allocation Metering System is a cutting-edge solution that addresses the most pressing challenges in hydrocarbon production allocation.

Designed with advanced analytics and automation, it ensures accurate, fair, and efficient allocation of oil and gas production across complex field operations, enabling you to take control of the challenges in allocation metering.

Features and Benefits

Commingle Production from Multiple Reservoirs

Guidant's Well Allocation Metering System uses continuous direct measurement. Integrate dynamic gas lift mixing and well composition. The mixed composition is used in all PVT calculations.

Manage Uncertainty and Inaccuracy

The system uses well test functionality combined with live production validation testing integration and references so you can validate results, as well as generate reports and human-machine interface (HMI) validation with trends over time.

Optimize Well Testing Time

You can use either well deduction testing or a calibration optimizer and recalculation. This reduces the time needed and optimizes the quality of the results.

Manage PVT Consistency Across Disciplines

The Calsep PVTsim Nova fluid EoS files are seamlessly integrated into Guidant's Well Allocation System, enabling full consistency between PVTsim Nova and the Well Allocation Metering System.

Well Allocation Metering System



Technical Specifications

Operating System	<ul style="list-style-type: none">• Microsoft Windows• Linux
Metering Applications and Measurements	<ul style="list-style-type: none">• Continuous direct measurement• Live dynamic gas lift mixing• Live PVT integration• Well testing• Validation of the material point method (MPM) against references• Leakage monitoring• Well deduction esting• Calibration optimizer and recalculation
Communication Protocols	<ul style="list-style-type: none">• OPC DA and UA server• Modbus TCP and RTU (client/server)• Secure TCP/IP communication with Sigma³ flow computer
Security Compliance	User access control with role-based authentication

For more information or to discuss purchase options, contact us at metering.services@guidantmeasurement.com.

Measurement Solutions Norway AS
Gomsrud veien 15, 3612 Kongsberg
Norway

About Guidant

As the undisputed leader in liquid and gas custody transfer solutions with the largest global install base, Guidant's legacy is built on more than 90 years of expertise, accuracy, reliability, and best-in-class technologies. We are a private company focused on the measurement solutions business, serving emerging and established energy markets across the globe.

Corporate Website

GuidantMeasurement.com

Guidant Knowledge Base

KB.GuidantMeasurement.com

Email

Guidant_Communications@GuidantMeasurement.com

Measurement Products

Global Sales

+1 814.898.5000

24/7 Service and Support

- **Eastern Hemisphere**

ResponseCenter.MS@GuidantMeasurement.com

GuidantMeasurement.com

+49 4101 304 333

- **Western Hemisphere**

MS.ResponseCenter@GuidantMeasurement.com

GuidantMeasurement.com

+1 844.203.4014