

EFMS / by Ascenz

Transforming data into reliable and actionable insights

By combining best in class sensors with automated data collection, EFMS delivers verified, real-time fuel data that enables confident decision-making for crews, operators, and management teams.





Independent, Tamper-proof and Intelligent Energy Monitoring

Gain complete visibility into fuel consumption, vessel activity, and operational performance through an integrated monitoring and analytics platform designed specifically for offshore vessels.

Combining advanced onboard sensing technologies, secure data collection, intelligent analytics, and customer success enablement, the solution helps operators improve efficiency, reduce fuel consumption, strengthen operational transparency, simplify reporting, and support better commercial and operational decision-making.

Oil-Major Approved

Trusted by leading offshore operators and approved by major energy companies worldwide.

Key Capabilities

- **Secure Data Collection & Transfer:** Cybersecure onboard infrastructure with DNV E27-approved architecture and secure vessel-to-shore communication.
- **Intelligent Monitoring & Analytics:** Smart algorithms, customizable dashboards, automated reporting, and continuous platform improvements.
- **Flexible API Integration:** Seamless integration with existing vessel infrastructure, customer platforms, and third-party systems.
- **Customer Success & Operational Enablement:** Dedicated specialists helping customers accelerate adoption, build trust in operational data, and continuously improve fleet performance through insight-driven recommendations.
- **Global Offshore Presence:** Commercial and technical support teams covering major offshore hubs worldwide.

Value Delivered

- Improved operational efficiency
- Reduced fuel consumption
- Fuel theft & pilferage prevention
- Real-time operational visibility
- Regulatory compliance support
- Enhanced reporting accuracy
- Improved fleet transparency

One Partner. One Platform.

From initial survey and system design to onboard deployment, secure ship-to-shore data transfer, advanced analytics, dashboards, and ongoing customer success support, we deliver fully integrated end-to-end EFMS lifecycle management through one trusted partner.

Built for Rapid Offshore Deployment

- High inventory availability
- Procurement-to-shipment typically within 1–2 weeks
- Some systems available within days
- Typical deployment from PO to operational system in ~4 weeks
- Dedicated project management and commissioning support

Certifications & Standards

- DNV E27 Cybersecurity Approved
- ISO 9001
- ISO 27001
- ISO 45001
- ISO 37001

Integrated Sensor Portfolio

- Mass Flow Meters
- Tank Gauging Systems
- Shaft Power Meters
- Global Navigation Satellite Systems (GNSS)
- Motion Reference Units (MRU)

Backed by Experience - Powered by Global Reach

As part of the GTT Group, we combine global reach, maritime expertise, and advanced digital technologies to support offshore operators worldwide. Backed by dedicated commercial, technical, project delivery, and customer success teams across major offshore hubs, we help customers deploy faster, operate more efficiently, and unlock measurable value from trusted operational data.

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