



SOFTWARE BRIEF

**OPLII – AN EASY TO USE, COMPREHENSIVE
OPERATIONS MANAGEMENT SYSTEM
FOR LEAN OIL & GAS PRODUCERS**

Oplii



Background

Oplii is an easy to use, lightweight (yet powerful) operations management system for emerging junior, junior and intermediate oil and gas companies .

With handy functionality — like Quick Search, dashboard KPIs and mobile integration, Oplii empowers your data to do all the heavy lifting.

In 2007, Peyto Exploration & Development Corp. came to us with a need to manage its equipment, sites, structures, digital images and documents.

Their goal was to find a straightforward and reliable way of tracking field equipment over multiple locations, while optimizing process related to regulatory compliance.

The answer was to integrate two systems: an industry-tailored enterprise asset manager with a toolkit for administering preventative maintenance plans, inspections and other operations-related tasks. The result was the second version (first version was developed for Anadarko Canada in 2003) of the Equipment Management System (EMS) which has since been adopted by other customers as well. Over the last several years, we've collaborated with these client partners to learn more about the needs of the industry, and the EMS has evolved into a software platform that goes well beyond mere equipment management.

Over the last several months, our development team has moved full-steam ahead to expand, upgrade and refine the EMS' modules, tools, interfaces and technology to create a more robust system. We've added mobile integration, AER-mandated inspection scheduling and notifications, powerful search tools and enhanced modules — all using the latest core technology. These upgrades and additions have greatly improved the system's capability and performance, as well as the user experience. It's so much better, we thought it deserved a new name, too.

In this document, we'll introduce you to our new operations management system, Oplii. We'll brief you on Oplii's features, give you a look at its user interface and explain its tools and functionality.

” RESULTS

“Peyto owes much of its success to our low operating costs and lean business practices. Oplii helps us get there. With Oplii, we're able to manage assets, regulatory requirements, projects and much more at a fraction of the price of other solutions.”

**TODD BURDICK, PRODUCTION MANAGER
PEYTO EXPLORATION & DEVELOPMENT CORPORATION**

Product Summary

Oplii helps junior and intermediate energy and petroleum companies:

- +** Centralize, share and display information effectively,
- +** Track compliance and inspection requirements,
- +** Track equipment along its lifecycle,
- +** Record transactions to maintain an audit trail, and
- +** Streamline and automate manual processes.

The “brain” of the system is known as the backend, or database, which is stored on a secure, offsite server. The user interacts with the backend using Oplii Web Client, a lightweight, yet powerful, easy-to-use application.



WHY USE OPLII?

Many companies use spreadsheets to track fixed assets, which tends to work up until a tipping point. As a company grows, so too do the number of spreadsheets and the number of people managing them. This leads to what some call “data segregation” or “siloeing” — fancy terms used to describe disconnected, or isolated, information stores.

Oplii is an easy-to-use system that helps oil and gas companies manage multiple operations. It combats data segregation by serving as a central repository for all site, structure and equipment-related information. Oplii bridges the gaps between an organization’s records, linking and organizing data, while allowing multiple users to work together in a controlled environment.

But we’re not just tracking physical items here — Oplii manages inspections, work orders, projects, budgets and incidents, too. It boosts productivity with its handy tools, like a mobile app that lets field staff submit inspections by smartphone or tablet, and a notification system that sends out alerts when preventive maintenance is coming due.

Core Modules

Oplii is web-based system comprised of multiple applications, called modules.

The system consists of five core modules and five peripheral modules, which can be added à la carte to suit organizational requirements.

For firms looking to simply track sites and fixed assets, these four will get the job done.

Modules perform distinct functions but work in concert within a supportive data structure.

SITES

It's the nature of the business. Energy and petroleum companies manage multiple sites. The Sites module links nearly all information within Oplii to a physical location by assigning geographical details to equipment, inspections and work orders. It stores site characteristics and acts as a repository for associated documents like agreements, licenses, site photographs, drawings and notes.

STRUCTURES

The Structures module identifies buildings and skids (specific asset locations) within a site. Like the Sites module, it provides location specifications for fixed assets, inspections, incidents, projects and work orders, but at a more granular level. Facility documentation like blueprints, logs, notes, photographs and other documentation can be appended to structure records.

EQUIPMENT

This key module identifies, details and categorizes fixed assets. Like site and structure modules, it also serves as a photo database and repository for associated documents, contracts, drawings, service records, warranties, reports, etc. With the ability to link equipment components, like pressure vessels and PSVs, it's easy to update the location or status of grouped assets with just a few clicks.

PIPELINE

When it comes to classifying equipment, pipeline is a completely different beast. It spans multiple locations, is tracked using unique identification criteria and requires its own pipeline-specific inspections. Ownership and lease information, as well as line and license numbers, product information, inspection information and photographs are all housed within the Pipeline module.

USER MANAGEMENT & ADMINISTRATION

The User Management and Administration module comes standard with Oplii, but doesn't quite fit the mould of a core module. Instead of controlling equipment-related data, this module reins in Oplii's user base by delegating rights and privileges. It also serves as a control centre for notification rules and thresholds, inspection scheduling, assignments, expense code listings and other aspects of enterprise-level user management.

Peripheral Modules

Oplii's foundation is rooted in field equipment tracking, but from there, it's up to you to decide the scale of your solution.

This is where the modular platform design really comes into play. By adding only the modules that suit your specific needs, Oplii becomes a truly effective solution. Track regulatory requirements and compliance using Inspections, improve organizational health and safety practices with Incidents, organize maintenance, repair and field work with Work Orders and stay on top of project tasks and budgeting with Projects.

In every deployment, Oplii's core and peripheral modules are hard wired to work cooperatively and eliminate data duplication and siloing.

Ask yourself, 'What exactly do we need to manage?'



INSPECTIONS

This module helps firms stay on top of preventative maintenance. Runs are delegated to specific personnel, while automated notifications alert stakeholders of overdue or upcoming inspections. Inspection questionnaires are customized to reflect specific requirements for different types of sites, structures and equipment, including pipeline. Schedule by date or by interval.

WORK ORDERS

This module improves organizational accountability by managing action items from inception to resolution. Work orders can be filtered and retrieved based on their location, equipment, priority, owner, status and more. Tickets can be added from within the system or on the heels of an inspection via mobile device, and appended with supporting documents and images.

INCIDENTS

Track incidents, near misses and opportunities with Oplii's Incident Tracking module. Details about personnel, injuries, environmental impact, property and equipment damage, non-compliance and estimated costs are recorded, as well as risk assessment and corrective action follow-up, to help you stay organized. Documents and images improve the quality of recordkeeping.



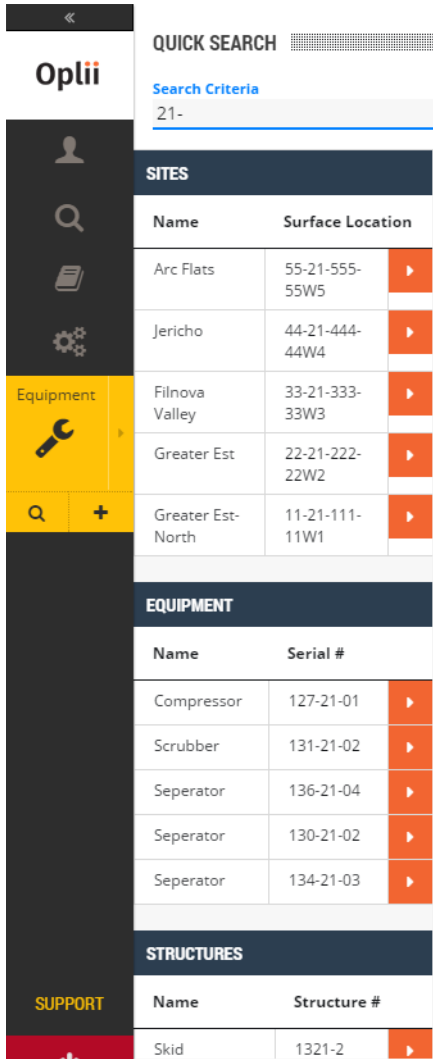
PROJECTS

Because they work in conjunction, projects and AFEs have been merged into a single module that allows staff to track daily levels of effort and enter coded expenses against an AFE number to monitor actual expenditures and assist with budget oversight. This method of real-time accounting means you don't have to wait until actuals are reconciled to find out if a project's finances are on track.



Projects and Inspections modules include dedicated mobile functionality that connects the field to the back office.
Learn more on page 6.

Tools



Search results display in real time (like Google) as criteria is entered and are further refined with every keystroke.

SEARCH FROM ANYWHERE

The Quick Search allows users to search data stored in multiple modules quickly and easily. Quick Search is accessed by clicking on the magnifying glass icon on the navigation bar, which is present regardless of the module you're working in.

INTEGRATED FIELD MOBILITY

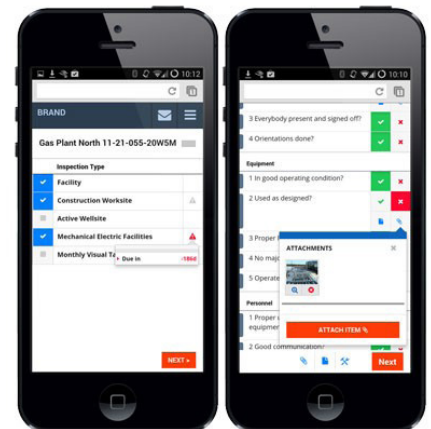
+ Mobile Inspections

Cut out inspection-related chores like scanning, faxing, email and data entry.

Maintenance staff working in the field can transmit inspection results and photographs directly from their mobile devices into Oplii, and instantly open any subsequent work orders.

+ Project Administration

Project managers and supervisors can use Oplii's mobile app to log daily activity and expense reports from the field to chronicle a project's progress. The app also allows field staff to append photos



and documents to better document daily activity and expense reports.

Oplii uses daily activity and expense reports to provide real-time project reports (estimated costs vs. actual costs).

Highlights

ON THE HORIZON

+ MoC Module

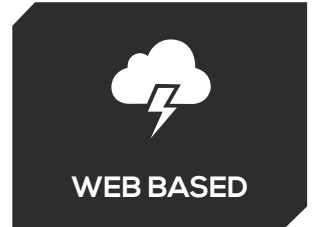
Our development team has started planning a Management of Change module for Oplii.

When a change of equipment, pipeline, etc. that is not “like in kind” is planned, the MoC module will ensure proper change procedures are followed. It will allow the user to describe the work that is planned, go through a questionnaire to help evaluate the implications of the change, describe hazards or other concerns, complete a risk assessment, select additional reviewers (depending on the risk assessment, additional reviewers might be automatically added due to high risk operations) and put risk mitigation plans in place.

+ Electronic Submission

We’re also exploring methods of sending data stored in the system to the Alberta Boilers Safety Association (ABSA) directly.

If no real integration can be developed, the spreadsheet that ABSA accepts can be developed as a data export function which will allow a user to extract information already stored in the system for furtherance to ABSA.



MORE FEATURES

AUTOMATED RECORDKEEPING AND REPORTING

Whether it's to validate work for a contract payment or to satisfy legal requirements, recordkeeping can be a lengthy and arduous process. Oplii helps you save time and effort with automated functionality that documents every addition, change or deletion within the system, creating an audit trail to ensure your reporting is both accurate and complete. Good data makes for good reports.

MATERIAL TRANSFER DOCUMENTATION

Whether you're transferring equipment, structures (like skids or buildings) or entire sites from one geographic location to another, Oplii generates a material transfer document to record what was moved and who was responsible for the transaction.

CENTRALIZE PHOTOS AND RELEVANT DOCUMENTS

Keep all asset-related documents and photographs where they belong — alongside the data itself. Site, structure, equipment, inspection and work order data can all be appended with relevant photography, drawings, legal agreements, licenses, notes and other documentation.

SITE-CENTRIC DATA ARCHITECTURE

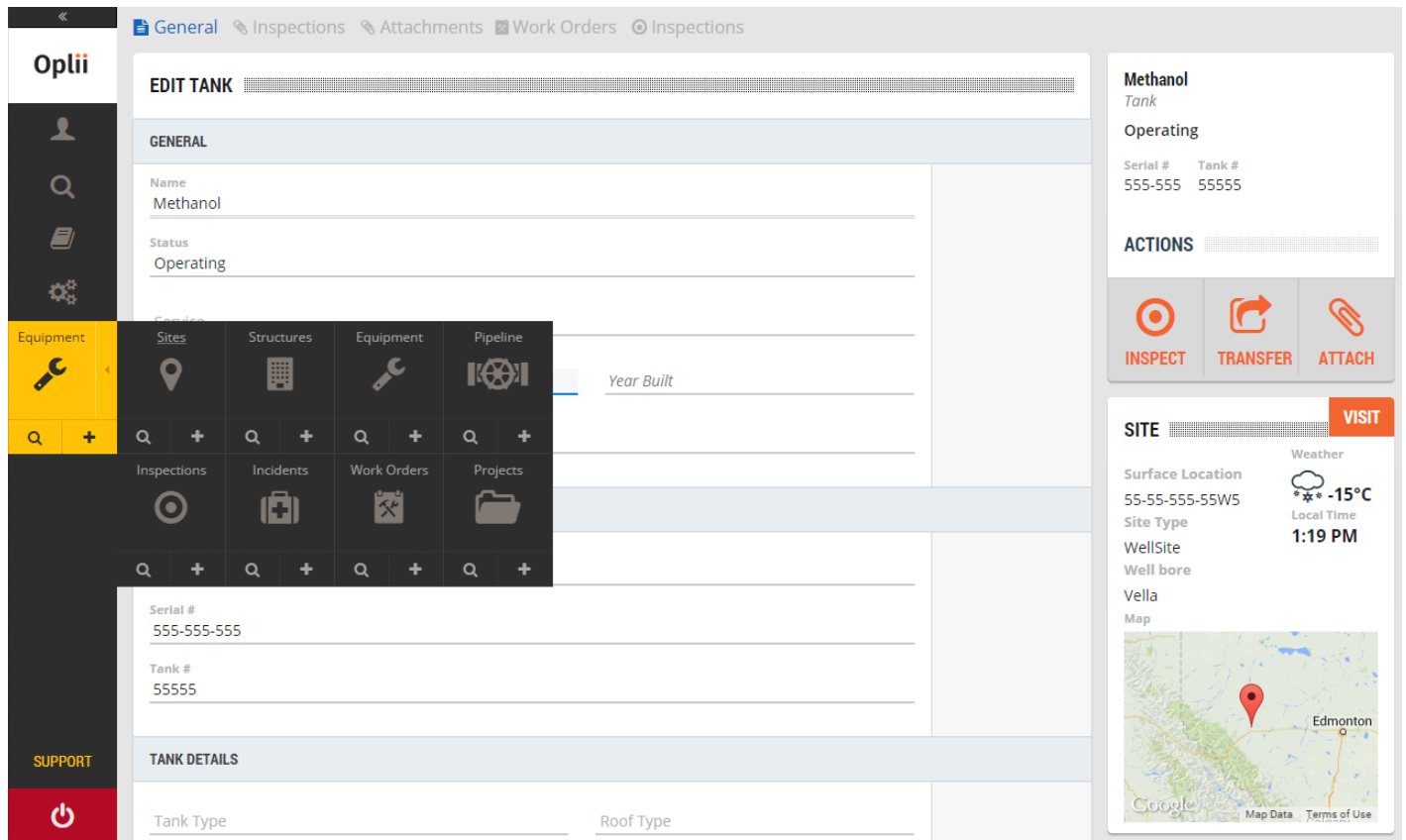
With Oplii, we've taken a site-centric approach to data architecture. That means all roads lead back to a physical location — and everything in the system can be traced back to a site. This helps our users intuit how their database works, since the framework actually mirrors true-to-life E&P operations.



User Interface

Here's a peek at Oplii's user interface. The below screenshot illustrates a typical asset entry — in this case, within the Equipment Management module.

With a simple, intuitive navigation panel on the left, moving between modules and accessing settings, notifications and searching is more convenient than ever. The centre portion of the screen contains the characteristics/details of the selected record, with summary information and available shortcuts to actions located on the panel on the right.



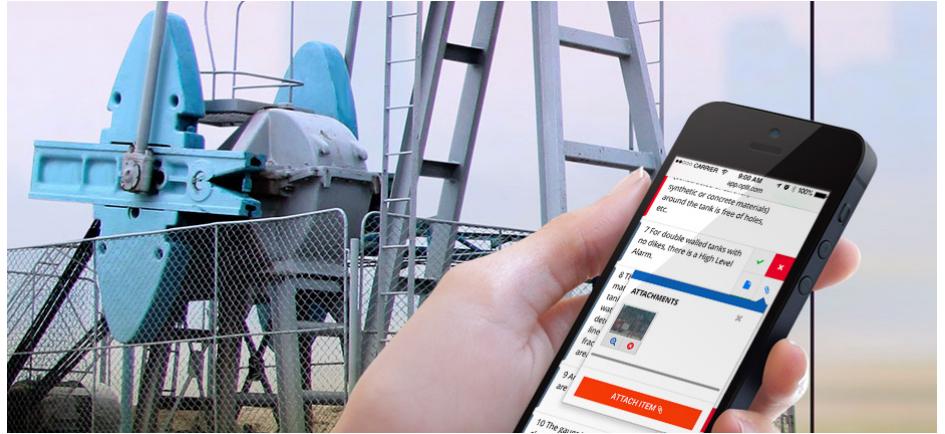
Get in Touch

+ **Headquarters**

Suite 232, 1011 9 Ave SE
Calgary, AB, T2G 0S7

+ **Contact Us**

www.oplii.com
1-888-502-7189
support@oplii.com



We want to meet with you to demonstrate Oplii's capabilities and explain how the software can be scaled and customized to satisfy your specific needs.

Please contact me at your convenience, by email or phone, to set up a demo.

Johan Rothzén
Managing Partner
Oplii

Office: 403-272-2744 ext. 100
Cell: 403-680-4276



OPLII

Address : Suite 232, 1011 9 Ave SE
Calgary, AB, T2G 0S7

Phone : 1-888-502-7189

Email : support@oplii.com

Web : www.oplii.com