

LIQUIDS MANAGEMENT SOLUTIONS
Synthesis / PipelineScheduler / TerminalScheduler / PipelineOptimizer
Services and Customer Support
Thursday, October 24, 2019

10:00 am to 11:30 am Breakout Session I

(Hibiscus I, II)

PipelineScheduler

Holly Energy Partners - Schedule/Nominations Seamless Integration

Presenter: Tyler Capell, Product Release Manager

- Nomination Technical Overview
- Customer Use Case Presentation
- Single Platform, Multi-system Integration for Efficient and Scalable Planning Practices

Presenters: Chris Riggs, Scheduler and Manuel Madrid, Product Scheduler with Holly Energy Partners

“With the rapid addition of new systems, outdated Excel spreadsheets had become inadequate for the efficient integration and modification of different scheduling practices. Ultimately Emerson’s PipelineScheduler© application was able to meet HEP’s needs to provide exceptional scheduling services within the organization as well as to our customers.” – Chris Riggs and Manuel Madrid, Scheduler, Holly Energy Partners

(Hibiscus III)

Synthesis Mobile and its application in Terminal, Pipeline, and Marine

- Workshop, Training and Idea Exploration

Presenter: Amir Omidvari, Product Manager, Synthesis

- Learn about the latest features of Synthesis Mobile App for Terminals.
- Idea Exploration and Collaborative discussion on the application of Synthesis Mobile in a Pipeline environment
- Customer Use Cases – customer driven usage patterns in the pipeline and terminal space.

1:00 pm to 2:30 pm Breakout Session II

(Hibiscus III)	<p><i>Synthesis</i></p> <p>Voice of Customers and Best Practices</p> <p><i>Presenter: Collaborative presentation by customers</i></p> <div data-bbox="500 254 1430 464" style="border: 1px solid black; padding: 5px;"> <p>In this session, we will explore real-world scenarios and challenges that our partners face followed by a collaborative discussion amongst stakeholders (Product Development, Services Team, and Partners) to share best practices, product improvement ideas, and road map items.</p> </div>
(Hibiscus I – II)	<p><i>TerminalScheduler</i></p> <p>Terminal Operations Management and Value Proposition of the Realtime Feature Set</p> <p><i>Presenter: Tyler Capell, Product Release Manager</i></p> <div data-bbox="500 699 1430 909" style="border: 1px solid black; padding: 5px;"> <p>In this workshop, we will demonstrate the enhancements of route optimization with the use of pre-pumping volumes. Four types of flush movements will be discussed; tank to tank movements, tank to external movements, parallel pumps/meters and the use of Realtime Scheduling.</p> </div>
(Cypress)	<p><i>Services</i></p> <p>Synthesis and Scheduler Upgrades and Best Practices -</p> <p><i>Presenters: Project Managers</i></p> <div data-bbox="500 1104 1430 1236" style="border: 1px solid black; padding: 5px;"> <p>Join us for the debut session of Upgrading Synthesis and Scheduler in which we share lessons learned and optimal upgrade practices in an informative and collaborative session.</p> </div>
4:00 pm to 5:30 pm	<p>Breakout Session III</p>
(Hibiscus I, II)	<p><i>PipelineOptimizer, PipelineScheduler</i></p> <p>Batch Schedule and Operations Optimizations</p> <p><i>Presenter: Dr. Jennifer Worthen, Product Manager</i></p> <div data-bbox="500 1547 1430 1808" style="border: 1px solid black; padding: 5px;"> <p>Current trends are moving away from manually creating and testing a batch plan and towards using system requirements and complex algorithms to generate optimal schedules. Complementary to the optimized schedule is the need to determine optimized operational procedures, including optimal unit selection and DRA injection rates, to increase line utility and profitability. We will examine both of these complex optimization problems using features in PipelineScheduler and PipelineOptimizer.</p> </div>
(Hibiscus – III)	<p><i>Synthesis</i></p> <p>Your Enterprise Hub</p>

Presenter: Randy Lisle, Enterprise Solution Architect

Deep dive into how Synthesis interacts with the following;

- DCS / SCADA
- ERP Systems
- TerminalScheduler
- PipelineScheduler
- Data Historian
- 3rd Party Nomination Exchanges
- Truck and Rail Rack Management Solutions
- Rail / Yard Management Solutions

(Cypress)

Services and Customer Support

Agile Software Implementation Best Practices and Best-in-class Customer Care

Presenter: Cecilia Nguyen, Sr. Director, Operations

Join us for an interactive discussion on best practices on implementing enterprise wide software solutions using agile methodology and best practices.

Make the Most of Your Software Investment – The Customer Care Experience

Presenters: Carolyn Green, Director, Global Customer Care

In today's technology driven business environment your software dollars are a significant percentage of your IT organization's expenditure. To ensure your investment is working for you, platform utilization should be maximized across the stakeholder community. Going beyond the project implementation phase, there are some key elements that come into play that will assist you in developing a roadmap and ultimately getting on a pathway towards optimum platform utilization. We will explore and discuss some of the key elements of this process facilitated through continuous engagement with Customer Care at Emerson.

FRIDAY OCTOBER 25, 2019

9:00 am to Noon

Advanced Product Exploration and Discussion

(Hibiscus III)

Pipeline Scheduling Workshop

Build a Pipeline from Scratch

Presenter: Dieter Sticht, Sr. Application Engineer

Deep dive into the latest features of PipelineScheduler and get training on how to build a new Pipeline Model from a blank

	<p>configuration. Show batch plan optimization that suggests pipeline batch volumes needed to balance external terminal inputs and outputs for distributions or gathering systems. Tutorial from Engineers on multi-installer.</p>
<p>(Hibiscus I - II)</p>	<p><i>Terminal Scheduling Workshop</i> Build a Terminal from Scratch <i>Bring your laptop</i> <i>Presenter: Matt Stangl, Software Developer</i></p> <p>Deep dive into the latest features of TerminalScheduler and get training on how to build a new Terminal Model from a blank configuration. Show advancement in flushing operations and tracking liquid quality data throughout the Terminal.</p>
<p>(Cypress)</p>	<p><i>Synthesis</i> Artificial Intelligence and Beyond <i>Presenters: Amir Omidvari, Product Manager; Randy Lisle, Enterprise Solution Architect in collaboration with all Customers</i></p> <p>This will be another fully collaborative session to explore proof of concepts, potential areas for product improvement, and road map items.</p> <p>The goal is to:</p> <ul style="list-style-type: none"> • Discuss Synthesis Road Map with the stakeholders (internal and external) • Showcase AI/ Machine Learning Proof of Concepts; <ul style="list-style-type: none"> ○ Ship Berth Optimization ○ Revenue Projection models ○ Inventory Forecasting • Explore Synthesis365: From idea to product <ul style="list-style-type: none"> ○ Responsive Design ○ UX (User Experience) ○ Upgrade Challenges ○ Architecture • Discuss Consolidated Tickets feature

For more information, contact info.energysolutions@emerson.com
or visit www.Energy-Solutions.com/Flow