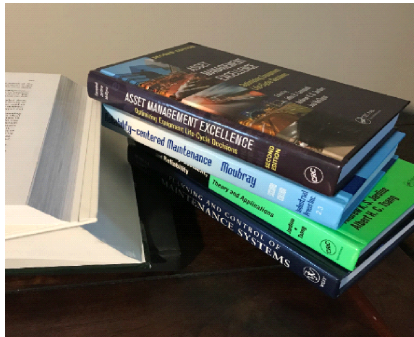


IT & IoT

IT and IoT in Asset Management

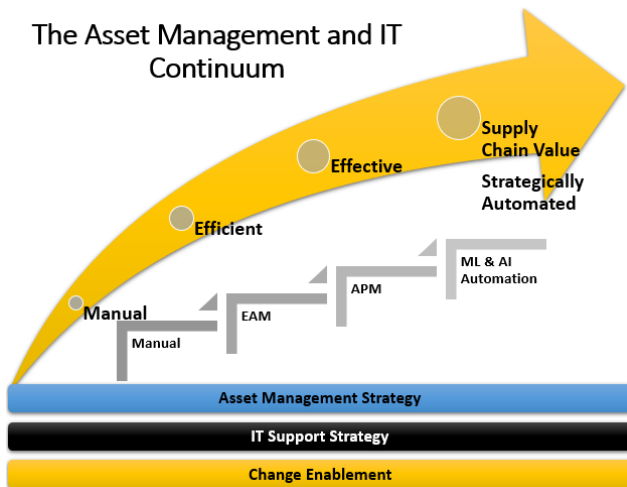


IT and IoT in Asset Management– 1 Day Seminar and Workshop Understanding your IT in Asset Management options and Strategy



- Successful organizations aspire to have an Asset Management system fully supporting their key ‘value’ processes with Information Technology (IT) tools.
- **IT and IoT an Asset Management Seminar:** provides participants with an introduction to the basic Enterprise Asset Management (EAM) solutions, Asset Performance Management (APM) solutions and the Asset value continuum through to providing integrated solutions in the supply chain
- Thought provoking for how IT and AM can work towards a mutually developed IT strategy to support the optimized Asset ‘Value proposition’
- This training will reinforce the **value** of moving from manual Asset Management practices through to ‘**Efficient**’, ‘**Effective**’ and ultimately leveraging IT to align your asset management to be ‘**Strategically**’ supported by IT in an integrated forum that will optimize your asset risks with your supply (value) chain mission.

The Asset Management and IT Continuum



Insights covered include:

- **Asset Management and IT Trends**
- **EAM solution considerations in Asset Management**
- **Risk and Reliability approach to IT solutions in Asset Management**
- **Asset Performance Management considerations**
- **Machine Learning and AI introduction**
- **Over-all IT Strategy to support Asset Management**

who Who Should Attend?

The ideal candidate for this course is an engineer, manager of plant operations, facility manager, maintenance professional or IT leader who is responsible for supporting the management and maintenance of the physical equipment assets of your organization. They represent facilities, infrastructure and/or plants from industries such as mining, oil and gas, utilities, fleet operators and manufacturing. Participants should have and undergraduate degree or relevant work-related experience in maintenance management or operations.

course

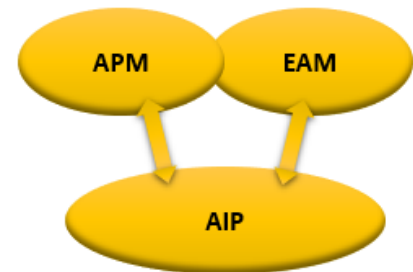
Content and Introduction to IT and IoT in AM

Asset Management and IT Trends

- What is important in Asset Management?
- IT's role in supporting Asset Management

EAM solution considerations in Asset Management

- Why an EAM solution is a foundational AM requirement
- Determining EAM solution needs (i.e Mobile)
- EAM solution types, trends & platform considerations
- EAM Solution Selection approach
- EAM Implementation approach
- Basic Asset Data considerations and approach notes

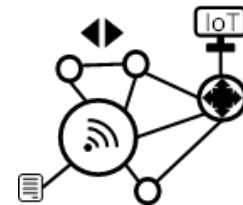


Risk and Reliability approach to IT solutions in Asset Management

- Reliability Centered Maintenance basics
- The Reliability Culture Continuum

Asset Performance Management considerations

- Why an APM solution is an 'effective' AM requirement?
- The role of IoT in concert with APM
- Basic APM functionality



Machine Learning and AI

- ML Introduction and Basics
- Example Algorithms for Parts Management
- Example Algorithms for Asset Management
- Future in ML and AI



Over-all IT Strategy to support Asset Management

- What does an integrated IT solution consist of?
- How can Asset Managers and IT work together?
- The role of Change Management
- Next steps



Instructor

Don Barry

Don Barry is a Principal Consultant with Asset Acumen Consulting Inc. He is an experienced instructor of Asset Management principles, implementing multiple EAM and IT solutions and is a licensed RCM2 Practitioner. Previously with IBM: Mr. Barry brings over 40 years of maintenance and consulting experience to the table with a focus on many asset intensive industries.

Mr. Barry is a lead instructor of the University of Toronto, 'Physical Asset Management Program' training.

*Don has over 18 years supporting AM and EAM solutions and was the **global services leader** for the IBM Maximo and EAM strategy Global Centered on Competence from 2015 to 2018*

*He is a certified (RCM2) **Reliability Centered Maintenance Practitioner.***

*On September 2007, Mr. Barry received the **Federated Press**, "Lifetime Achievement Award in Plant and Production Maintenance.*

***Publications:** John D. Campbell; Andrew K.S. Jardine, Joel McGlynn with **main contributions by Don Barry: Asset Management Excellence: Optimizing Equipment Life-Cycle Decisions, Second Edition**, in: Book, CRC Press, Taylor and Francis Group, 2010, ISBN/ISSN: 9780849303005*