

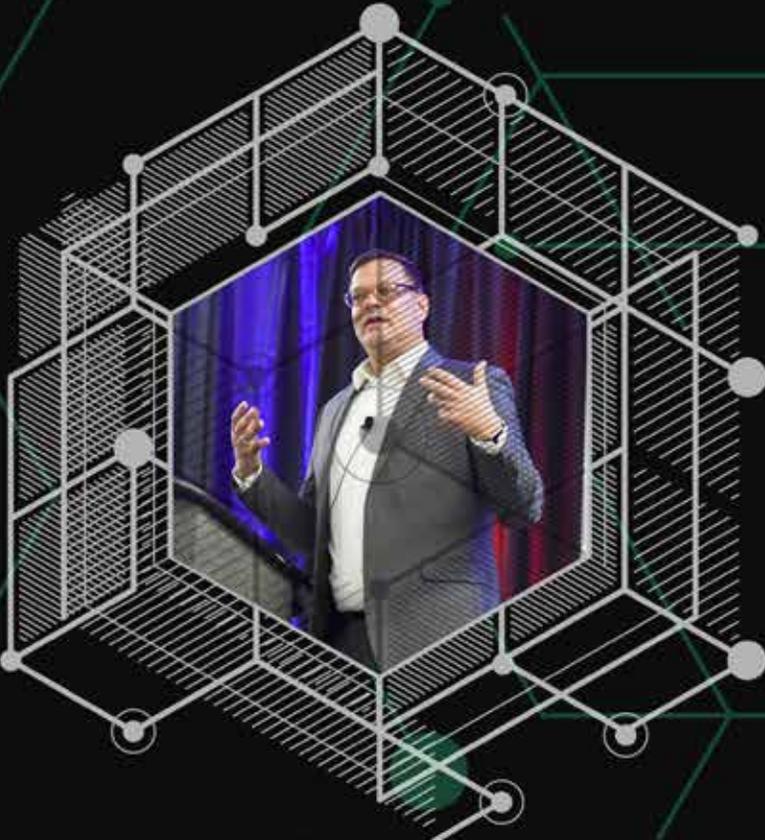
BUILDING OPERATING MANAGEMENT'S

NFMT[®]2019

March 26-28, 2019 • Baltimore Convention Center

**Connect.
Build.
Grow.**

**At the Conference &
Expo Rated #1 by FMs**



**Register for
NFMT.com/Baltimore**

Take Your Career, Building and Staff to New Heights With Three Full Days of

Education, Networking and Innovative Product Solutions

Schedule-At-A-Glance

MONDAY, MARCH 25

8 am - 5 pm ProFM Kick-Start Session \$
1 pm - 5 pm Training Camp for Career Advancement \$

TUESDAY, MARCH 26

8 am - 9:15 am General Session
9:30 am - 11:45 am Concurrent Sessions
12 pm - 4 pm Expo Hall Open
4 pm - 5 pm Networking Party
6:30 pm - 8:30 pm Little Italy Food Tour \$

WEDNESDAY, MARCH 27

8 am - 11:30 am Concurrent Sessions
11:30 am - 3:30 pm Expo Hall Open
3:45 pm - 4:45 pm Concurrent Sessions
5 pm - 6 pm Networking Events
7:30 pm - 9:30 pm Harbor Cocktail Cruise \$

THURSDAY, MARCH 28

8 am - 9 am General Session
9:15 am - 11:30 am Concurrent Sessions
11:30 am - 2:30 pm Expo Hall Open
2:45 pm - 3:45 pm Concurrent Sessions
4 pm - 5 pm Closing Ceremony

\$ Fees Apply

Detailed schedule information available at NFMT.com/Baltimore

What's New in 2019...

Longer Sessions –
Full one and two hour sessions

Unique Content –
Our editors have created unique panels
you can't find anywhere else

More Networking Events –
Join us Tuesday and Wednesday nights
for fun activities around Baltimore

New Exhibitors –
About 20% of the expo hall is brand new
vendors and suppliers

More Content in the Expo Hall –
Additional opportunities for learning
during expo hours

[Find out more at NFMT.com/Baltimore](http://NFMT.com/Baltimore)

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Connect With 5,000+ Facility Executives During All 3 Days

TUESDAY, MARCH 26

NETWORKING PARTY

4 pm - 5 pm

Connect with other NFMT attendees and exhibitors over appetizers and drinks.

Sponsored by Club Car

LITTLE ITALY RESTAURANT TOUR \$

6:30 pm - 8:30 pm

Take a walking tour around the quaint neighborhood of Little Italy as we visit three family-run restaurants for a progressive dinner. Limited spots available.

WEDNESDAY, MARCH 27

WOMEN IN FACILITIES MANAGEMENT 2019

3:45 pm - 6 pm

The network of female facilities managers keeps growing larger and larger. We invite all to participate in this inspirational panel discussion. After the formal panel ends, network over drinks and appetizers at the reception.

Sponsored by Sodexo

SOLUTIONS EXCHANGE

5 pm - 6 pm

Join us for speed networking as you select up to three tables for a fast-paced convo.

COCKTAIL CRUISE AROUND THE HARBOR \$

7:30 pm - 9:30 pm

Spend the night on the open water as you cruise around the harbor featuring an open bar and hor d'oeuvres.

THURSDAY, MARCH 28

CLOSING CEREMONY

4 pm - 5 pm

As we close out NFMT 2019 we will come together to identify the top trends and innovations featured over the last three days. Make sure to attend for a few surprises as well.

The Premier Gathering of Facilities Professionals

NFMT is the #1 meeting point for all of the top facilities executives. Professionals holding titles from all corners and spectrums of the facilities management industry look forward to attending each year, including:

- Facilities Managers
- Engineering Directors
- VPs of Operations
- Energy Managers
- Security Directors
- Executive Directors & CEO's
- Architects
- Building Owners
- Maintenance Managers
- Property Managers
- Sustainability Managers
- Equipment Specialists
- Construction Managers

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Build Your Conference Agenda

With 100+ Sessions

MONDAY,
MARCH 25TH

1:00 pm - 5:00 pm

WORKSHOP

Workshops, Business Management
Training Camp for Career Advancement

Teena Shouse, CFM, IFMA Fellow, Principal, FM Transitions

Learning Objectives

1. Learn how to utilize specific strategies to develop your personal skillsets.
2. Review the power of mentorships.
3. Discover how to create a career action plan.
4. Gain a better understanding of professional development resources based on core competencies.

AUDIENCE: INTERMEDIATE CEU: 0.1

TUESDAY,
MARCH 26TH

8:00 am - 9:15 am

Business Management
Building Technology Has Advanced – It's Time We Catch Up...

John Rimer, CFM, President, FM360

Learning Objectives

1. Describe common facility technology systems and their primary purpose.
2. Identify typical opportunities for further leveraging building technology.
3. Define best practices for selecting and implementing technology.
4. Discuss steps for mitigating typical pitfalls with technology implementations.

AUDIENCE: INTERMEDIATE CEU: 0.1

9:30 am - 10:30 am

Asset Management
Future Ready Design Considering a Holistic Building Approach

Amanda Stacy, LEED Green Associate, Building Enclosures, WSP | Parsons Brinckerhoff
Paul Totten, P.E., Vice President, WSP | Parsons Brinckerhoff

Learning Objectives

1. Learn what current and future considerations can impact our asset planning. This includes impacts of climate, population and job migration, and costs of materials.
2. Discuss budget considerations against life safety and other considerations critical in asset management planning.
3. Use case studies to show how an effective plan can be put in place for the assessment.
4. Show ways of making the reporting easy to understand and follow as part of an effective asset management plan.

AUDIENCE: INTERMEDIATE CEU: 0.1

Business Management
Facilities 101: A High Level View of Facility Management - Things to do and Pitfalls to avoid

Gary Wieland, Facilities Manager, New York Independent System Operator (NYISO)

Learning Objectives

1. Identify and understand the three categories of funding necessary to sustain a facility and why they cannot be combined or comingled.
2. Determine what is legally required to open the doors to your facility, for business, every day and why this is often overlooked.
3. Understand proactive customer service for your facility and why it is so important for today's Facility Managers.
4. Learn about short and long term facility planning and how this will assist you with budget preparation and growth projections.

AUDIENCE: BEGINNER CEU: 0.1

Staffing and Services, Business Management

How Facility Managers Can Learn from the Best Companies

Stormy Friday, MPA, Hon. FMA, IFMA Fellow, President, The Friday Group

Learning Objectives

1. Analyze how best practices from top-rated companies have changed over the years and the impact of application within FM.
2. Develop a framework to compare an FM organization to the top-rated companies.
3. Specify how to apply best practices from top-rated companies to FM organizations.
4. Review maintaining a top-rated company best practice learning environment within FM.

AUDIENCE: BEGINNER CEU: 0.1

Business Management, Construction/Renovation/Retrofit

How Workplace Design Can Enhance Company Culture & Values

Susan Foong, CID, LEED AP, WELL AP, Design Principal, HGA

Matt Hart, CID, Project Manager, HGA

Paula Storsteen, IAD, NCIDQ, Design Principal, HGA

Learning Objectives

1. Review the importance of creating a shared project vision statement and guiding principles.
2. Discuss how workplace planning can enhance collaboration and improve speed of decision making process.
3. Understand how workplace standards can be successful, even with regional differences.
4. List the 6 P's for a successful project.

AUDIENCE: INTERMEDIATE CEU: 0.1

Budget Management

Purchasing Technology: 5 Factors Every Facility Team Should Know

Todd Moore, National Director - Facilities Solutions, ARC Document Solutions

Learning Objectives

1. List the 5 keys to success for getting buy-in and budget approval for facilities technology purchases.
2. Discover the top two areas of improvement facilities managers want to address when adopting technology tools.
3. Recognize who needs to be involved during the research, selection and approval process – and when.
4. Learn what facilities teams have achieved by adopting facilities technology solutions.

AUDIENCE: INTERMEDIATE CEU: 0.1

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O&M Work Management

How One School District Saved 25% in hard cost using CMMS

Dianna Drew, Director of Logistics & Documents Services, Grand Prairie Independent School System
Greg Perry, CMRP, CRL, Sr. Capacity Assurance Consultant, Fluke Digital Systems

Learning Objectives

1. Clarify how important buy-in from all stakeholders is when selecting software that may be used by many people.
2. Discuss how planning and personnel training is key for a smooth implementation.
3. Review system capabilities that are important for a CMMS, such as system customization and on-site training.
4. Verify how automated inventory control and work order management simplifies labor scheduling and decreases labor costs.

AUDIENCE: INTERMEDIATE CEU: 0.1

Energy and Utilities Management

Building Retrofits for Efficiency and Cost Savings

Jesse Fisher, PE, CPD, Senior Engineer, WB Engineers+Consultants

Learning Objectives

1. Identify opportunities for energy and efficiency savings within existing buildings.
2. Understand the impacts of changing ventilation code on building energy consumption.
3. List potential energy saving opportunities within a specific building based on system type and building information.
4. Prioritize importance of possible projects based on savings impact, increased building performance, or lowest cost of implementation.

AUDIENCE: INTERMEDIATE CEU: 0.1

Construction / Renovation / Retrofit

Creating Facilities for the Next Generations of Students

Randolph Campbell, FMP, CEFP, FM-McCormick Zone Manager, Facilities Management, University of Virginia
Moderator: Greg Zimmerman, Executive Editor, Building Operating Management

Learning Objectives

1. State how technology has changed student expectations.
2. Review how space requirements are now being conducted.
3. Understand need to anticipating future trends and opportunities.
4. Discuss how these future trends are being use to make decisions today.

AUDIENCE: INTERMEDIATE CEU: 0.1

Data and Metrics Management

Submetering? ... A Simple Way to Make your Building Smarter.

Thomas George, Engineering, Quadlogic Controls
Dom Lempereur, Marketing and Business Development, Quadlogic Controls

Learning Objectives

1. Review how submetering improves the management, operations and maintenance of a building.
2. Observe recent advancement and trends in building submetering technologies.
3. List how submetering data work together with building automation systems and IoT technologies.
4. State how some communication protocols commonly used in submetering systems can avoid compatibility issues.

AUDIENCE: BEGINNER CEU: 0.1

Codes and Standards

Implementing Total Cost of Ownership using APPA 1000™ Standard

Dana "Deke" Smith, FAIA, Partner, DKS Information Consulting, LLC

Learning Objectives

1. Learn how the principles presented in Part 1 of the standard work together in supporting implementation.
2. Understand what a minimum TCO implementation entails.
3. Discuss how you can get started with TCO whether you have one facility or hundreds.
4. Verify the value of TCO and its benefits.

AUDIENCE: INTERMEDIATE CEU: 0.1

9:30 am - 11:30 am

WORKSHOP

Risk Management, Workshops

ADA Workshop: Guidance on ADA Requirements for Facilities Managers

Joan W. Stein, President, Stein Consulting LLC

Learning Objectives

1. Clarify how the ADA is enforced both by the Justice Department and the federal courts and recent changes in enforcement and fines.
2. Define the difference between building codes and the ADA as a civil rights law.
3. Name practical tips and guidance on what to do when a complaint is filed against you/your organization.*
4. Clarify what should be included in an on-site evaluation
5. Specify what information needs to be documented.

**Ms. Stein is not an attorney and the tips and guidance provided in this session cannot be construed to be legal advice.*

AUDIENCE: INTERMEDIATE CEU: 0.1

10:45 am - 11:45 am

Asset Management

Construction Costs: What the Data Says

Tim Duggan, Director of Cost Analytics, Gordian

Learning Objectives

1. Analysis of construction material cost trends and market volatility over time
2. Understand how cost changes impact current and future project costs (hint: it's not as scary as you may think)
3. Learn how to interpret the data in order to create strategies for the long-term success of your facilities
4. Describe insight into how historical trends and analytics can be used to predict future costs

AUDIENCE: INTERMEDIATE CEU: 0.1

Risk Management

The 17 Gaps that Sabotage Your Emergency Plans & How to Fill Them

Bo Mitchell, President and CEO, 911 Consulting

Learning Objectives

1. Review the laws, regulations and standards that control emergency plans.
2. Discuss how law suits affect you and your organization.
3. Recognize the overriding attitude for managers in re-evaluating current planning.
4. Analyze how your own employees and clients hurt your response to a disaster and what to expect by way of help from local municipalities.

AUDIENCE: INTERMEDIATE CEU: 0.1

Budget Management, Construction/Renovation/Retrofit

Successful Execution of Capital Projects

Mark O'Leary, PMP, LEED AP, Director of Project Management and Design, Corporate Real Estate Group

Learning Objectives

1. Review how to define project objectives and identify stakeholders.
2. Learn the linear path to a successful outcome.
3. Clarify what is the pre-design and pre-construction phase.
4. Review how to identify and build a cohesive project team.

AUDIENCE: ADVANCED CEU: 0.1

BUILDING OPERATING MANAGEMENT'S

NFMT2019

Construction/Renovation/Retrofit

Lighting Controls 101: Codes, Energy Efficiency, Occupancy Sensors, Whole Building Systems, Dimmers

Craig Malesic, LC, PMP, EIT, Project Manager / Electrical Designer, JDB Engineering, Inc.

Learning Objectives

1. Recognize energy efficiency code requirements, including both the International Energy Conservation Code (IECC) and ASHRAE 90.1, and understand their impacts on a building's occupants.
2. Evaluate appropriate uses of lighting controls, and determine areas where these control systems may have a negative impact on the health, safety, or welfare of a building's occupants.
3. Utilize lighting systems to enhance interior environments for occupants by incorporating lighting scene controls, occupancy/vacancy controls, dimming systems, and daylight harvesting systems.
4. Recognize options to integrate building systems for enhanced control.

AUDIENCE: BEGINNER CEU: 0.1

Budget Management

Creating Value through the Capital & Operating Budget Process

B. Alan Whitson, President, The Corporate Realty, Design & Management Institute

Learning Objectives

1. Review ways to determine if your capital budget is too small, too big, or just right.
2. Differentiate between not spending money and saving money.
3. Define the financial assumption so all capital funding requests are evaluated equally.
4. Identify how to rank and select capital projects within the constraints of available capital funds.

AUDIENCE: BEGINNER CEU: 0.1

Improving Operations, O&M System Management

Maximize the Value of Your Facility Management Control System – Getting Timely, Reliable, Actionable

Mohamad Jamal, P.E. MBA, CxA, President and Chief Mechanical Engineer, A.J. Adam Engineering, LLC
Mark Wylie Sullivan, Associate AIA, LEED AP BD+C, Project Coordinator, A.J. Adam Engineering, LLC

Learning Objectives

1. Understand the opportunities for extracting valuable information from Building Management Control Systems and weeding out low-value data from the system output.
2. Identify the key information sectors specific to your facility which can be provided by the Building Management Control Systems.
3. Understand the key principles and considerations for establishing data trending parameters for Building Management Control Systems.
4. Evaluate/interpret building management control system output to develop an accurate foundation for establishing facility maintenance priorities and operational guidelines.

AUDIENCE: INTERMEDIATE CEU: 0.1

O&M Work Management, Staffing and Services

Developing an Effective Scope of Work for Operations & Service Contracts

Jake Smithwick, Professor, University of North Carolina at Charlotte

Learning Objectives

1. Identify the elements of an effective SOW.
2. Effectively utilize templates for developing SOWs.
3. Understand how to increase vendor innovation in the bidding process.
4. Contribute to risk minimization in procurement activities.

AUDIENCE: INTERMEDIATE CEU: 0.1

Business Management, Improving Operations

Top Strategies for Running Schools Around the Country

Stephen P. Ashkin, President, The Ashkin Group, LLC
Ryan Berlin, Managing Editor, Facility Maintenance Decisions,

Learning Objectives

1. Review the unique challenges and opportunities in K-12 school facilities.
2. Discuss best practices for daily operations and maintenance in schools.
3. List best practices for energy efficiency operations.
4. Identify opportunities for healthy school facilities.

AUDIENCE: INTERMEDIATE CEU: 0.1

Data and Metrics Management

Data or Valuable Metrics: FM's.....Harness the Power

Dhaval Gajjar PhD, FMP, SFP, Assistant Professor, Clemson University

Learning Objectives

1. Explain how to use of metric documentation for vendor management.
2. Specify the use of optimal RFP methodologies that lead to a better team and contract.
3. Develop simple measurement strategies that attract and drive performance and accountability.
4. Review how to simplify and understand the various metrics in the organization.

AUDIENCE: INTERMEDIATE CEU: 0.1

Codes and Standards

Arc Flash, OSHA and NFPA 70E: Get Protected

Doug Tellin, Owner, Electrical Safety Specialists, LLC

Learning Objectives

1. Recognize many of the significant changes in NFPA 70E 2018.
2. Identify the latest training requirements for employees that work on or near electrical hazards.
3. Review changes in PPE requirements for Arc flash Hazards.
4. Understand NFPA 70E definitions pertaining to Arc Flash Assessments and Arc Flash Hazards.

AUDIENCE: INTERMEDIATE CEU: 0.1

WEDNESDAY, MARCH 27TH

8:00 am - 9:00 am

Asset Management

Tips for Implementing a Successful Asset Management Program

Andy Gager CMRP, CPIM, CAMA, Managing Director, Nexus Global Business Solutions, Inc.

Learning Objectives

1. Name the historical tools that have come and gone over the years.
2. Recall the ISO55000 standard for Asset Management.
3. Review how to develop an asset management roadmap for successful implementation.
4. Identify proof of concept for a successful implementation of an asset management program.

AUDIENCE: INTERMEDIATE CEU: 0.1

Risk Management

Systems Integration is Key for Emergency Communications

Cory Ogle, Code Consultant, Inc.
Timothy Ruiz, RCDD, Information & Communications Technology (ICT) Department Manager, Code Consultants, Inc.e

Learning Objectives

1. Review the components needed to integrate information and communication technology (ICT) systems including those for emergency communication systems.
2. Gain an understanding of what systems can be integrated and what it takes.
3. Comprehend the advantages and disadvantages of integration versus interoperability.

AUDIENCE: INTERMEDIATE CEU: 0.1

Business Management, Staffing and Services

Optimizing Employee Talents and Gifts for Discretionary Effort

Karla Brandau, CSP, CF, RCC, CPBA, CPMA, CEO, Workplace Power Institute

Learning Objectives

1. Review how to identify unique and innate personality traits and how to observe others, then make educated guesses on their personality traits.
2. Understand how to individualize and customize conversations and touch points with employees and team members you want to influence.
3. Distinguish, learn to respect and listen to coworkers and employees' perspectives, recognizing that different personalities bring unique and valuable viewpoints to discussions.
4. Appraise the strengths and limitations of team members or employees, giving you the ability to capitalize on individual strengths for the greatest advancement toward the completion of projects.

AUDIENCE: INTERMEDIATE CEU: 0.1

BUILDING OPERATING MANAGEMENT'S

NFMT2019

Business Management, Construction/Renovation/Retrofit

Smart Cities and their Effect on Facility Management

Paul Doherty, President and CEO, the digit group Inc.

Learning Objectives

1. Identify the key values facility managers possess in order to align themselves for Smart Cities implementations.
2. Create a Smart Cities framework that can guide their facility management decisions.
3. Understand the key drivers that define Smart Cities and their effects on facility management.
4. Analyze how to make better informed Smart Building decisions in order to align with Smart Cities initiatives.

AUDIENCE: INTERMEDIATE CEU: 0.1

Risk Management

Modernizing the FM workforce: Understanding the Competencies You Need to Defend Your Facility Systems from Cyber Attacks

Brian Gilligan, National Program Manager, General Services Administration

Maureen K. Roskoski, SFP, LEED AP O+M, Senior Professional, Facility Engineering Associates

Learning Objectives

1. Learn about the new FBPTA competencies related to cyber security.
2. Explore free tools that direct you to the right training and career path.
3. Understand the link between cyber security and facilities personnel.

AUDIENCE: INTERMEDIATE CEU: 0.1

9:15 am - 10:15 am

Asset Management

Federal Real Property Management - Recent and Future GAO Work

Keith B. Cunningham, Assistant Director of Physical Infrastructure, United States Government Accountability Office (GAO)

Learning Objectives

1. Review Federal Asset Management.
2. Clarify how to collect and report reliable real property data.
3. Examine Federal building operations and maintenance.
4. Specify Congressional involvement in federal building management.

AUDIENCE: BEGINNER CEU: 0.1

Risk Management

Risk Mitigation - Preparing for an Active Shooter Event

Gerald Wilkins, PSP, Vice President, Active Risk Survival, Inc.

Learning Objectives

1. Review the importance of having a comprehensive planned response to an Active Shooter event.
2. Specify the potential liability risks incurred if appropriate plans and training are not in place and followed when an Active Shooter event occurs.
3. List the instruction on FEMA's "Run, Hide, Fight" method of responding to an Active Shooter event.
4. Identify how existing security components can be leveraged to mitigate the impact of an Active Shooter event.

AUDIENCE: INTERMEDIATE CEU: 0.1

Business Management, Staffing and Services

Best Practices in Hiring and Firing Employees

Richard Alaniz, Senior Partner, Cruickshank & Alaniz

Learning Objectives

1. List questions that can be asked during an interview.
2. Review how to engage in proper employee discipline.
3. Determine when and how to fire an employee.
4. Verify the policies that you need to successfully hire and fire employees.

AUDIENCE: INTERMEDIATE CEU: 0.1

Construction/Renovation/Retrofit, O&M System Management

How Understanding Health in Buildings Can Influence Action

Bill Brodt, Experimental Facilities Engineer, NASA

Learning Objectives

1. Define how to convert health in buildings research into a practical facility management action.
2. Discuss how to get the human capital community interested in facility data.
3. Review how to engage the master planning community to embrace and lead a transition from individual offices to a wide variety of workspaces and methods.

AUDIENCE: INTERMEDIATE CEU: 0.1

Preparing Intelligent Buildings for Immersive, Personalized Experiences Through Practical Network Infrastructure Design

Todd Boucher, Principal, Leading Edge Design Group

Learning Objectives

1. Understand the rapid rise in the use of 'smart' building systems or network connected systems and challenges owners face in evaluating and deploying them.
2. Explore changing occupant demographics and the expectations on how technology should be integrated into a facility at the edge for the best computing experience.
3. Adapt new network standards like Power over Ethernet

(PoE) and understand how they enable more building systems to be network-connected and 'smart'.

4. Recognize how the network has become a critical infrastructure in creating intelligent, high-performing buildings.

AUDIENCE: BEGINNER CEU: 0.1

O&M System Management

BACnet 101

Steve Jones, Managing Partner, The S4 Group

Learning Objectives

1. Demonstrate a broader understanding of all that BACnet represents.
2. Identify at least two aspects of the value proposition of BACnet.
3. Be able to recite at least one implementation limitation.
4. Identify the advantages of BTL listed products.

AUDIENCE: BEGINNER CEU: 0.1

O&M Work Management

Aligning Work Order Management with Organizational Objectives

Christa Dodoo, QA/QC Officer, International Monetary Fund

Jose' Febres, Technical Compliance Officer, International Monetary Fund (IMF)

Learning Objectives

1. Discuss best practices in work order management including lifecycle and choosing the right tool.
2. Create work order work flow process strategies.
3. Identify the categories of WOs and how to manage them.
4. Justify work order data management to business objectives to add value to the organization.

AUDIENCE: BEGINNER CEU: 0.1

Energy and Utilities Management

Justify Your Energy Efficiency Projects

Jacob Goldman, LEED AP, Vice President, Energy Tax Savers, Inc.

Learning Objectives

1. Review the current tax incentives related to energy efficiency.
2. List current tax incentives related to 1 for 1 HVAC replacements.
3. Name current tax incentives related to new buildings and real estate transactions.
4. Discuss legislative update on existing and proposed tax incentives related to buildings.

AUDIENCE: BEGINNER CEU: 0.1

BUILDING OPERATING MANAGEMENT'S

NFMT2019

Business Management, Staffing and Services
FBPTA In Action: How Federal Agencies Use FBPTA Tools To Enhance Training Programs & Improve Building Performance

Hilary Evans, Administrative Officer in the Facilities Management Division (AFM), National Gallery of Art
Eric Guthrie, FAC Training Coordinator
the Department of State, Overseas Buildings, Operations Facilities Management Division
Claude Lacombe, PPM, FMP, Team Leader, Social Security Administration's Office of Buildings Management

Maureen K. Roskoski, SFP, LEED AP O+M, Senior Professional, Facility Engineering Associates

Learning Objectives

1. Discover how federal agencies are implementing the FBPTA requirements.
2. Learn how the FBPTA competency model can be adapted to fit individual agency needs.
3. Gain the ability to build a business case for training.
4. Learn about contract vehicles to assist with FBPTA implementation.

AUDIENCE: INTERMEDIATE CEU: 0.1

Data and Metrics Management
Integrate Your Facility Data for Valuable Insights

Robert Lambe, CFM, President, Facility Issues

Learning Objectives

1. Recognize the extensive amount of facility related data that is available.
2. Identify the benefits of an integrated facility scorecard.
3. Understand the issues associated with integrating facility data from multiple sources.
4. Determine the facility data integration for your organization.

AUDIENCE: INTERMEDIATE CEU: 0.1

Codes and Standards
Conquering the EH&S Challenges That All Facility Managers Face

Mark Roman, President, Envision Environmental, Inc.

Learning Objectives

1. Review key elements of facility management and how they relate to EH&S issues.
2. Clarify how it is critical that facility managers learn to recognize EH&S blind spots and learn the "problem areas" at your facility.
3. Identify how to develop a proactive approach to address EH&S issues that will result in increased productivity, profits, and employee safety.
4. Identify the four core foundations that all facility managers must implement in order to develop a robust EH&S program.

AUDIENCE: BEGINNER CEU: 0.1

9:15 am - 11:15 am

WORKSHOP

Business Management, Improving Operations, Workshops

Achieving Operational Excellence Workshop

Teena Shouse, CFM, IFMA Fellow, Principal, FM Transitions

James P. Whittaker, P.E., CFM, FRICS, Director of Engineering Services - Americas for, JLL

Learning Objectives

1. Define outcomes-based performance measures that align with your organization's overarching business goals.
2. Understand the importance of integrating workflow processes, technologies and information exchanges across the facilities operations ecosystem that contributes to driving business success.
3. Develop the communication vehicles that will allow your management to see the value that technology, data, and analytics can bring to the FM delivery in your organization.
4. Identify your own level of maturity and develop a roadmap for improvement in the six areas of focus within our operational excellence approach.

AUDIENCE: INTERMEDIATE CEU: 0.1

10:30 am - 11:30 am

Asset Management

Assets & FM: The foundational start to smart buildings

Brian Moore, President, Kahua
Cleve Adams, CEO, Site 1001

Don Conover, FM Project Executive,, Gilbane Building Company

Learning Objectives

1. Understand the potential of asset management when data is collected in real time.
2. Identify the relationship between facilities managers, building operators, and owners when it comes to asset health.
3. Identify how to utilize currently available FM solutions to maximize asset health and longevity.
4. Understand the benefits of a mobile-first, cloud-based technology for common problems around lack of full employment at facilities.

AUDIENCE: INTERMEDIATE CEU: 0.1

Risk Management

FM and Cybersecurity: Preventing Facility Systems from Becoming the Source of a Breach

Phil Mellinger, Vice President of Information Security, Tower Federal Credit Union

Learning Objectives

1. Learn information you need to identify weaknesses.
2. Understand types of threats that can enter through connected systems.

3. Identify strategies to coordinate with the IT department to establish a cybersecurity perimeter in addition to the physical security perimeter.

4. Examine examples of past breaches and how they might be prevented today.

AUDIENCE: INTERMEDIATE CEU: 0.1

Budget Management

5 Fatal Mistakes when Buying Building Services

Vince Elliott, President, Elliott Affiliates, Ltd.

Learning Objectives

1. Identify the five most common mistakes the buyers make when procuring building services.
2. Clarify the number one, most important element for predicting service success.
3. Name the difference between the low price and the right price.
4. Select the factors that drive price-quality variability for services; and, how to influence them.

AUDIENCE: INTERMEDIATE CEU: 0.1

Asset Management

Stewardship of Permanence: Design Considerations for the Next Generation of Federal Facilities

Greg Rea, Group Manager, Federal Aviation Administration, Tech Ops Facilities and Engineering Services

AUDIENCE: BEGINNER CEU: 0.1

Business Management, Construction/Renovation/Retrofit

Navigating the Changing Landscape of Building Management

Justin Lavoie, Vice President, Systems & Services, US EcoBuildings, Schneider Electric

Learning Objectives

1. Gain a deep understanding of the trends and issues affecting the facilities management industry, and how these will likely develop in the future.
2. Learn how to manage multiple buildings at full efficiency, including multiple strategies to overcome facilities management challenges.
3. Gain knowledge of the automated building management technologies currently available, and the business case for using them.
4. Learn how to implement cloud-based building management and automation technologies into buildings.

AUDIENCE: INTERMEDIATE CEU: 0.1

BUILDING OPERATING MANAGEMENT'S

NFMT2019

Energy and Utilities Management

Chilled Beams - The users perspective

Susan Morrison ME, STSC, QCxP, Principal Construction Engineer, PARSONS

Learning Objectives

1. Learn when a chilled beam is a good choice.
2. Evaluate your facility utilities to determine if the choice of using chilled beams can be supported.
3. Specify what the provider / manufacture of chilled beams forgets to mention.
4. Indicate the maintenance information your staff needs to know to manage this type of HVAC.

AUDIENCE: INTERMEDIATE CEU: 0.1

Asset Management

Best Practices for Anti-Terrorism Security for Commercial Office Buildings: Improving Building Security and Managing Risk

Bob Payn, Director, Information Technology, National Institute of Building Sciences

Learning Objectives

1. Learn about best practices for anti-terrorism security for commercial office buildings.
2. Clarify the SAFETY Act, how it applies to commercial facilities and how facility owners can use it to help manage risk.
3. Understand the anti-terrorism security evaluation process, how to evaluate your facility and make decisions regarding security programs.
4. Evaluate costs vs. benefits to a commercial facility owner/manager of assessing and responding to best practices.

AUDIENCE: BEGINNER CEU: 0.1

Energy and Utilities Management

Existing Buildings - Path to Zero

Allan Skodowski, LEED Fellow, Principal, Rivion LLC

Learning Objectives

1. Learn to measure the opportunities and liabilities.
2. Understand the importance of qualified staff needed to ensure the most efficient operations. More is less when it comes to staffing.
3. Examine the low hanging fruit for energy efficiency and why is it important to a path to zero.
4. List the most advanced technologies being placed within building to aid in a path to zero.

AUDIENCE: INTERMEDIATE CEU: 0.1

Business Management, Staffing and Services

FEDSAT: Helping Your Agency Comply with the FBPTA

Amy Maples, Project Manager, SFTool
Brian Gilligan, National Program Manager, General Services Administration

Learning Objectives

1. Understand how to navigate within the FEDSAT tool.
2. Gain hands-on experience on how to use the FEDSAT tool to find your gaps with the most critical FBPTA

competencies and free training to fill them.

3. Gain hands-on experience on how to use the FEDSAT tool to find free training to fill your gaps.
4. Discover free resources related to facilities management, energy management, and building operation and overall optimization.

AUDIENCE: INTERMEDIATE CEU: 0.1

Data and Metrics Management

Comparing Five Current Methods of Collecting Utilization Data

Dan Lorenz, FMP, Executive Team Leader, AMS CAD + CAFM Solutions

Learning Objectives

1. Learn 5 current methods of collecting utilization data.
2. Compare the utilization methods for effectiveness.
3. List the pros and cons of implementing utilization.
4. State the practical uses of utilization data for better decision-making.

AUDIENCE: INTERMEDIATE CEU: 0.1

Codes and Standards

Significant Changes in the 2018 International Building Code

Clay Aler, Principal, Koffel Associates

Learning Objectives

1. Clarify the significant non-structural changes in the 2018 IBC and where they are located.
2. Identify code changes permitted by the 2018 IBC for use in developing code equivalencies to current building code requirements.
3. Understand that the 2018 International Building Code will become state and locally enforced through much of the USA in 2019.
4. Examine the new requirements for medical gas system and laboratories in higher education facilities, and that storage accessory to other occupancies is no longer considered a separate occupancy group.

AUDIENCE: INTERMEDIATE CEU: 0.1

3:45 pm - 4:45 pm

Asset Management

Comprehensive Facilities Management Using Enterprise GIS

William Wingfield, BSME, MBA, CBMI, Senior Consultant, R&K Solutions, Inc.

Learning Objectives

1. Discuss how processes can be improved to produce trusted data.
2. List the data sources and methods of collection.
3. Review how different types of data and systems are integrated.
4. Specify how data is aggregated and analyzed to guide decision-making and improve performance.

AUDIENCE: ADVANCED CEU: 0.1

Risk Management

Crisis Team: Work Place Violence Threats and Active Shooter Preparedness

Raymond Hanna, PSA, Protective Security Advisor, Protective Security and Coordination Division, U. S. Department of Homeland Security

Steve Jackson, Detective, Baltimore County Police Department

Ron Sauter, CFM, Vice President, Martins Caterers
James E. McGinty, Director of Training, Mid-Atlantic Region, Allied Universal

Susan Moury, Business Continuity Coordinator, Tower Federal Credit Union

Learning Objectives

1. Ascertain the path that leads to violence and identify how to interrupt it before it leads to a breach of the peace.
2. Learn the do's and don'ts to keep everyone safe.
3. Hear about the resources that the authorities have and how they may respond to the situation.
4. Discover what needs to be in your threat prevention plan.

AUDIENCE: INTERMEDIATE CEU: 0.1

Asset Management

Remanufacturing: The Facilities Manager's Alternative to Stockpiling Obsolete Furniture

Doug Pilgrim, LEED AP ID+C, New Business Development and Sustainability Manager, Davies Office

Learning Objectives

1. Explain the trends in office furniture today
2. State the effect that legacy office furniture has on the environment
3. Discuss what remanufactured furniture is and how to differentiate it from "as is" and refurbished furniture
4. Recall the environmental savings and the economic savings compared the purchasing of "New"

AUDIENCE: INTERMEDIATE CEU: 0.1

Construction/Renovation/Retrofit, Asset Management Drone Mapping and Laser Scanning: Transforming Facilities Management

Amr Raafat, Director of Virtual Design & Construction, Windover Construction

Learning Objectives

1. Review how data from drone programs and laser scans can streamline decision making by accessing the most relevant information at every stage of a project, including 3D, highly accurate existing conditions documented during close-out.
2. List how the Reality Capture Process can utilize data collection to inform decision making, streamline construction, decrease costs, and increase onsite safety.
3. Describe how to share the data captured by drone and laser scanners through Virtual Reality applications for facility management.
4. Identify how to import data from laser scans into facility management software and existing workflow system.

AUDIENCE: CEU: 0.1

BUILDING OPERATING MANAGEMENT'S

NFMT2019

Business Management, Improving Operations

Survival of the FM Professional in the Information Age

Dean Kashiwagi, PhD, P.E., IFMA Fellow, Director, Kashiwagi Solution Model Inc.

Learning Objectives

1. Review how to reduce organizational costs by up to 30% while increasing the value and quality of services received.
2. List how to use performance metrics to ensure buy-in at all levels of an organization.
3. State the new FM paradigm and how to increase their capability.
4. Describe how to increase their impact on their organization by minimizing the information that they need to know.

AUDIENCE: INTERMEDIATE CEU: 0.1

O&M System Management

BACnet 101 (Repeat)

Steve Jones, Managing Partner, The S4 Group

Learning Objectives

1. Demonstrate a broader understanding of all that BACnet represents.
2. Identify at least two aspects of the value proposition of BACnet.
3. Be able to recite at least one implementation limitation.
4. Identify the advantages of BTL listed products.

AUDIENCE: BEGINNER CEU: 0.1

Business Management, Staffing and Services

Top Facility Management Skills Needed to Succeed

Randy Olson, VP of Global Business Development, ProFM Credential

Learning Objectives

1. Justify why a global standard of knowledge is needed for the FM profession.
2. List the four main functional knowledge areas and cross-functional competencies of facility management.
3. Identify key task statements facility managers should be able to perform.
4. Review how to implement standards to your organization.

AUDIENCE: INTERMEDIATE CEU: 0.1

Business Management, Staffing and Services

FBPTA In Action: How the New FBPTA competencies Enhance the Facility Manager, Energy Manager, and Building Operator Roles

Claude Lacombe, PPM, FMP, Team Leader Social Security Administration's Office of Buildings Management

Brian Gilligan, National Program Manager, General Services Administration

Learning Objectives

1. Identify key facilities technology competencies that your personnel need.
2. Build a career path for facilities related technical trades workforce.

3. Discover how to identify the right competencies for your facilities positions.

4. Learn how the FBPTA competency model can be adapted to fit your organization's needs.

AUDIENCE: INTERMEDIATE CEU: 0.1

Data and Metrics Management

Construction Data Capturing: RFIDs & Scanning

Walter Chou, VDC Engineer, The Whiting-Turner Contracting Co.

Learning Objectives

1. Learn about technologies used for utility marking.
2. Understand the processes involved for collecting building and utility information.
3. Gain an appreciation of the usage laser scanning technology.
4. Determine your needs for construction technologies.

AUDIENCE: BEGINNER CEU: 0.1

THURSDAY, MARCH 28TH

8:00 am - 9:00 am

Business Management, Staffing and Services

Building Relationships with Top Management

Edward Sullivan, Editor, Building Operating Management Magazine

Learning Objectives

1. Discuss how to align your department with the goals for the organization.
2. Examine how to create a relationship with management.
3. Identify how management defines success and progress.
4. Analyze how to develop strategies to support your funding needs for facilities management projects.

AUDIENCE: INTERMEDIATE CEU: 0.1

9:15 am - 10:15 am

Asset Management

Building Envelope Leaks: How to Identify, Solve, and Prevent

Nick O'Hare, Corporate Quality Manager, StructureTec

Learning Objectives

1. Differentiate the most common wall systems and the critical elements that impact weatherproofing performance.
2. Review common components found within most wall systems and how they affect overall performance.
3. Identify common problems related to the exterior building envelope.

4. Review key design principles that all facility professionals must know when implementing building solutions for the building envelope.

AUDIENCE: BEGINNER CEU: 0.1

Risk Management

Requirements for Testing Fire Sprinkler Systems

Vincent Powers, Inspection Test and Maintenance Specialist, National Fire Sprinkler Association

Learning Objectives

1. Review the Scope of NFPA 25.
2. State the purpose of NFPA 25.
3. List who is responsible for proper inspection, test and maintenance of fire sprinkler systems.
4. Identify the requirements for periodic inspection, test and maintenance of water based fire sprinkler systems.

AUDIENCE: BEGINNER CEU: 0.1

Business Management

Emotional Intelligence for Facility Managers

Brian Braudis, President and Chief Enabling Officer, The Braudis Group

Learning Objectives

1. Identify the top five components of emotional intelligence.
2. State how and why emotional intelligence connects to performance and how to apply it for greater performance.
3. Recognize shortfalls and develop strategies for improvement.
4. Label the hallmarks of each emotional intelligence component and how to use each day to build their emotional intelligence muscles.

AUDIENCE: INTERMEDIATE CEU: 0.1

Business Management

Live from the Podcast: FM Insights & Innovation from Top Industry Leaders

Mike Petrusky, Director of Events & Growth Marketing, iOFFICE

Learning Objectives

1. Identify FM industry trends and challenges related to the "workplace revolution".
2. Recognize how our common human experiences and organizational structures create obstacles to change.
3. Analyze the impact of new workplace technologies, cultural shifts and other human factors under the influence of FMs.
4. Apply leadership and change management techniques to inspire innovation in your organization.

AUDIENCE: INTERMEDIATE CEU: 0.1

BUILDING OPERATING MANAGEMENT'S

NFMT2019

Business Management, Construction/Renovation/Retrofit

New Connectivity Solutions for Old Power, Space and Cooling Problems

Matt Miller, Associate Vice President and Senior Solutions Architect, CallisonRTKL's Technology Design Studio

Learning Objectives

1. Learn what passive optical LAN (POL) technology is and how it works.
2. Discover the impact of POL on real estate and facilities.
3. Review examples of large and small organizations using POL.

AUDIENCE: ADVANCED CEU: 0.1

O&M System Management

Best Practices for BIM Requirements, LOD, and Ensuring Compliant Models

T.J. Meehan, AIA, LEED AP, Vice President of Professional Services, CADD Microsystems, Inc.

Learning Objectives

1. Understand the importance of model requirements and how they benefit you as an owner.
2. Compare examples of how to best structure your requirements.
3. Learn tips and best practices.
4. Review how you can quickly QC your models to ensure you are receiving what you asked for.

AUDIENCE: INTERMEDIATE CEU: 0.1

Energy and Utilities Management

Developing Your Energy Management Program

Suzanne Ferguson, Chief of Operations, R3 Retail Development

Rick Ferguson, Chief Engineer, R3 Retail Development

Learning Objectives

1. Create achievable and sustainable strategies.
2. Determine the elements of an effective communications and training plan.
3. Review how to increase sustainability through buy-in and persistence.
4. Clarify common energy management pitfalls and how to avoid.

AUDIENCE: INTERMEDIATE CEU: 0.1

O&M Work Management

Facilities Lessons Learned in Transitioning to Open Office Space

Christopher Walinski, CEA, Building Operations Manager, Munich Reinsurance America, Inc

Learning Objectives

1. Review lessons learned from open office space projects completed in multiple cities.
2. Examine the technical specifics of acoustics, lighting, thermal comfort, and A/V.

3. Discuss the tenant satisfaction aspects of open office spaces.

4. Identify the aspects of considering, designing, transitioning to, or operating in open office space.

AUDIENCE: ADVANCED CEU: 0.1

Data and Metrics Management

High Performance Buildings: Using the IoT to Improve the Occupant Experience & Increase Operational Efficiency

Deepinder Singh, CEO and Founder, 75F

Learning Objectives

1. Analyze the impact building automation & improved IAQ have on the occupant experience & productivity.
2. Clarify why IoT-enabled BAS is accessible & affordable for the 90% of facilities that lack smart building technology.
3. Learn how IoT-enabled BAS offer a ROI through operational & team efficiencies even greater than the inherent energy savings.
4. State why IoT-enabled BAS are fast & easy to install, providing accessibility to under-served facilities.

AUDIENCE: ADVANCED CEU: 0.1

Risk Management

Ten Steps to Effective Business Continuity Planning

Bob Mellinger, President, Attainium Corp.

Learning Objectives

1. Clarify what needs to be included in a business continuity or disaster recovery plan.
2. Specify who is responsible for updating the business continuity plan.
3. Discuss who should be aware of the business continuity plan.
4. Examine key items to maintaining an effective business continuity plan.

AUDIENCE: INTERMEDIATE CEU: 0.1

10:30 am - 11:30 am

Asset Management

Building Enclosure Commissioning

Steven Bohlen P.E., RRC, RWC, BECxP, Associate, Gale Associates, Inc.

Derek Ziese P.E., Sr. Engineer, Gale Associates, Inc.

Learning Objectives

1. List enclosure issues in the early stages of building construction projects saves money and time, and reduces liability for the design and construction team.
2. Review how enclosure commissioning helps avoid issues with exterior building enclosure construction, including water intrusion, indoor air quality issues, mold growth, air infiltration, and energy loss.
3. Clarify how HVAC and enclosure commissioning go hand in hand as the HVAC systems will never operate as designed unless the building enclosure performs as intended.

4. Recognize the enclosure commissioning process should begin when the design team is preparing schematic design documents.

AUDIENCE: INTERMEDIATE CEU: 0.1

Risk Management

Hurricane Irma and the US Embassy in Havana - Dealing with a Natural Disaster Overseas

Ed Babczak, Director of Fire Protection, Bureau of Overseas Buildings Operations (OBO), U.S. Department of State

John Fiala, Chief, Office of Facility Management's Maintenance Support Division, Department of State
Brian Pendergast, Foreign Service Facility Manager, United States Department of State

Learning Objectives

1. Identify how to prep for the storm on short notice.
2. List which equipment is critical and how to protect it.
3. Review how to survey the damage, gather information, determine tasks, prioritize, execute.
4. Specify how to work through the crisis, it's a team effort both at post and back in DC, and maintenance of water based fire sprinkler systems.

AUDIENCE: ADVANCED CEU: 0.1

Business Management, Staffing and Services

How to Assemble the Perfect Team of Internal Staff and External Partners

Lisa Feeley, CSSBB, Vice President of Project Management and Construction Services, Transwestern

Learning Objectives

1. Specify the importance of having the right team members in place.
2. Clarify how to be able to measure results.
3. Explain how to use the assessment tool to implement projects.
4. Review how the assessment tool can help a project be successful.

AUDIENCE: ADVANCED CEU: 0.1

Asset Management, Improving Operations

Executive Town Hall: Continuous Improvement and Innovation

Steve Smith, CFM, CFMJ, MFE, Director of Physical IT Network, Arvest Bank Operations

Peter Stroup, P.E., Director of Facilities, Harvard Medical School

Edward Sullivan, Editor, Building Operating Management Magazine

Learning Objectives

1. Review what the continuous improvement processes means.
2. Identify ways as a facility manager you can use continuous improvement.
3. Justify how to balance time and budget constraints.
4. Assess how to use encourage innovation and change.

AUDIENCE: ADVANCED CEU: 0.1

BUILDING OPERATING MANAGEMENT'S

NFMT2019

Improving Operations, Risk Management, Construction/
Renovation/Retrofit

Leveraging Construction Specifications and Standards for Sustainable Purchasing

Joseph Scarpa, CCS, GGP, LEED AP O+M, WELL AP, Specifications Project Manager, Conspectus, Inc.

Learning Objectives

1. Review how to use Construction Specifications Institute (CSI) MasterFormat standard as a quality control tool to organize a complete project specifications bid package.
2. List how to incorporate sustainable design and procurement into your invitation to bid or request for proposals.
3. Clarify how to ensure bidders are bidding your intent and contractors are installing what you contracted.
4. State how to ensure the required documentation for sustainability certifications is collected.

AUDIENCE: INTERMEDIATE CEU: 0.1

O&M System Management

Monitoring Based Commissioning (MBCx) & Fault detection and Diagnostics (FDD) for Chiller Plants

Senthil Kumar Sundaramoorthy, Product Lead, Hudson Technologies Company

Learning Objectives

1. Comprehend the definitions for MBCx & FDD.
2. Review how to use MBCx and FDD to reduce chiller plant operating costs and improve performance.
3. List the cost and benefits of a MBCx and FDD platform.
4. Review a case study with examples of how MBCx and FDD helped facilities to save on operating and maintenance cost.

AUDIENCE: INTERMEDIATE CEU: 0.1

O&M Work Management, Staffing and Services

Municipal Mobile Maintenance Program: Success with the City of Baltimore

Berke Attila, CFO, Department of General Services, Baltimore City

Babila Lima, Director, Business Process Improvement Office, Baltimore City, Department of General Services

Learning Objectives

1. Identify how to use Outcome Budget key performance indicators to drive new analysis and program development for continuous process improvement.
2. Clarify how to easily structure a process improvement project in public or private sector maintenance operations.
3. State how facility maintenance Key Performance Indicators inform and drive analysis projects or new activities.
4. Understand the role Python and Open Source software can play in the performance of facilities maintenance analysis activities and continuous process improvement.

AUDIENCE: INTERMEDIATE CEU: 0.1

O&M System Management

Best Practices for Testing Standby Power Systems

Michael Sanford, Technical Marketing Specialist, Cummins Inc.

Learning Objectives

1. Describe generator set testing guidelines and best practices.
2. Identify commonly-adopted test standards such as NFPA 110 and their relevance to on-site testing best practices.
3. Recognize the power system reliability benefits associated with a complete testing strategy.
4. Describe advancements in technology that impact power system testing strategies.

AUDIENCE: BEGINNER CEU: 0.1

Data and Metrics Management

Navigating the Smart Building and IoT Landscape

Joe Karbowski, Chief Operating Officer & Chief Technology Officer, Asure Software

Learning Objectives

1. Observe an inside look into the future of sensor technology in the workplace to increase energy efficiency.
2. Compare anecdotal and quantitative evidence of the value of using sensor technology to optimize workplace real estate.
3. Review expert insight on the technological, security and privacy aspects associated with workplace sensor technology.
4. List how businesses are successfully using sensors to redesign and create the spaces employees actually need to get work done.

AUDIENCE: BEGINNER CEU: 0.1

Data and Metrics Management

Integrating IO&T Technology with existing FM Applications

Randell Smith, Director - Gilbane FM Services, Gilbane Building Company

Learning Objectives

1. Name several wireless IO&T devices and their purpose.
2. Verify ways to integrate IO&T data with your FM software system.
3. Review how this additional data can make your FM software system more effective.
4. Identify the best or simplest way to integration IO&T technology with your existing FM system.

AUDIENCE: INTERMEDIATE CEU: 0.1

Risk Management

Give Your Facilities Crane Safety Program a Lift

Ann-Marie Grusch CHST, Senior Safety Specialist, National Security Agency, Occupational Health, Environmental and Safety Services

Learning Objectives

1. Review if all lifts are "critical"? The definition by regulations vs potential cost to the facility.
2. Comprehend the importance of Crane Lift Planning.
3. List the key steps to the development of a comprehensive crane safety program.
4. Describe how partnerships among Safety, Facility Management, and Crane Company are key to successful lift operations.

AUDIENCE: BEGINNER CEU: 0.1

2:45 pm - 3:45 pm

Data and Metrics Management

Smart City Use Case: Overcoming the Connectivity Challenges of Aging Infrastructure

Jessica Califano, Head of Marketing and Communications, Temboo

Vaughn Shinall, Head of Product Outreach, Temboo

Learning Objectives

1. Identify connectivity options for IoT applications in older buildings.
2. Learn strategies to find the simplest and least expensive method to establish connectivity in aging properties.
3. Name ways to decrease maintenance costs with a remote monitoring system.
4. List creative strategies for retrofitting aging infrastructure for the smart city movement.

AUDIENCE: INTERMEDIATE CEU: 0.1

Risk Management

Cyber Resiliency of Mission Critical Automation Systems

John Collins, Director of Sales, FoxGuard Solutions

Learning Objectives

1. Name the next generation of asset management.
2. Identify technology rationalization and orchestration that will streamline data tools.
3. Review meaningful risk analysis and scoring.
4. List cyber metrics help agencies improve resiliency of the most critical systems.

AUDIENCE: INTERMEDIATE CEU: 0.1

BUILDING OPERATING MANAGEMENT'S

NFMT2019

Business Management

Solving the Talent Crisis for Skilled Trades

Marc Fischer, CPM, RPA, CCIM, BOMA Fellow, Executive Director, AOBA Educational Foundation

Learning Objectives

1. State "the problem" - where we are, how we got there, and why we need to do something.
2. List at least 10 methods to recruit entry-level employees - including non-traditional candidates.
3. Identify training opportunities for building operators - from pre-employment to senior/executive level.
4. Identify funding sources to cover the cost of training employees at all levels of their career.

AUDIENCE: INTERMEDIATE CEU: 0.1

O&M System Management

Plugging into Digital: What Data is Important to Help Transform HVAC Systems?

Terry Vanecek, Technical Service Operations and Innovations Manager, North America HVAC Field Operations, Carrier

Learning Objectives

1. Understand the elements of a remotely connected HVAC system.
2. Identify specific areas where facility manager's will see measureable results from implementation.
3. Develop plans to transition existing HVAC systems to a remotely connected facility.
4. Understand the key sources of HVAC data that will help you make better decisions.

AUDIENCE: INTERMEDIATE CEU: 0.1

Data and Metrics Management

The Business Case for Connected FMs

Jim Turner, Director, Facilities Solutions, Markon Solutions

Learning Objectives

1. Define how the Internet of Things (IoT) and Smart Building solutions are changing the FM field.
2. Gain an overview of emerging essential "FM-connecting" technologies and their features and benefits.
3. Discuss insights on the installation and use of FM-connecting technologies from case studies.
4. Learn how to create a road map for justifying FM-connecting technology at your organization.

AUDIENCE: INTERMEDIATE CEU: 0.1

Construction/Renovation/Retrofit, Energy and Utilities Management

Monitoring-Based Commissioning (MBCx) for New Construction

Chris Wilson, Operations Director, ESD

Learning Objectives

1. Understand how to approach monitoring-based commissioning for newly constructed facilities.
2. Comprehend how to leverage utility incentive programs to offset first cost.
3. List how to maximize building optimization and energy efficiency in a critical facility leveraging MBCx.
4. Review how to approach developing customized fault detection and diagnostic rules for a unique facility.

AUDIENCE: ADVANCED CEU: 0.1

Asset Management, Energy and Utilities Management

A New Funding Solution for Energy Infrastructure Replacement

Richard Santangelo, President, CEO, Apollo Engineering Solutions, LLC.

Learning Objectives

1. Review an alternate approach to debt-financing or CapX to address infrastructure replacements.
2. Define the service approach compared to traditional infrastructure replacement programs.

AUDIENCE: BEGINNER CEU: 0.1

4:00 pm - 5:00 pm

WORKSHOP

NFMT Closing Ceremony

Alana Dunoff, FMP, IFMA Fellow, President, AFD, Facility Planning
Lesley Groff, CFM, Sr. Supervisor Buildings & Grounds, UGI Utilities, Inc.

Join us as we wrap up NFMT 2019. Take the last hour at NFMT to decompress and recap the top trends and topics discussed over the last few days. Spend time creating a plan for when you are back in the office to implement and disperse all the information you learned at NFMT. Finally, it's one last chance to network and collaborate with your NFMT cohorts until the next show.

AUDIENCE: BEGINNER CEU: 0.1

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Did you know NFMT has joined up with the ProFM Institute to create a new facilities management certification?

Join our ProFM kick-off course at NFMT Baltimore and enjoy a full day of live, instructor-led training on March 25 or 29, plus nine (9) online sessions throughout April and May.

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- O&M System Management
- O&M Work Management
- Risk Management
- Staffing and Services
- Workshops

3 Pavilions in the Expo Hall

BUILDING SERVICES

Companies offering facility services on a contract or project basis

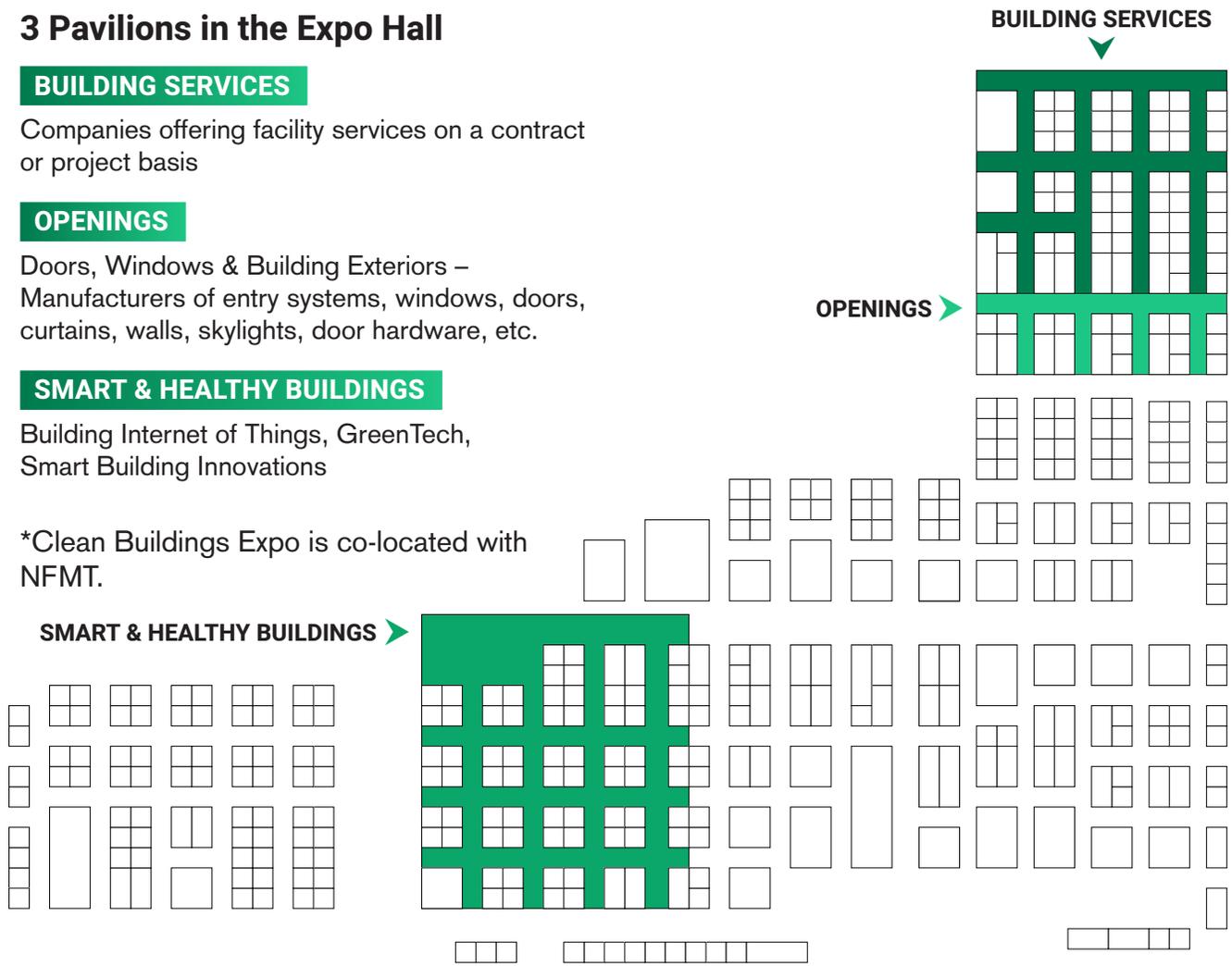
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Doors, Windows & Building Exteriors – Manufacturers of entry systems, windows, doors, curtains, walls, skylights, door hardware, etc.

SMART & HEALTHY BUILDINGS

Building Internet of Things, GreenTech, Smart Building Innovations

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HB McClure Company
Herc Rentals Inc.
Home Paramount Pest Control Company
HOODZ International
Hunt Consulting
HydroCorp
HydroPoint Data Systems
ICB/TABB
IDN Global, Inc.
Industrial Caulk & Seal Inc.
Interior Maintenance Company Inc.
IR-TEC America Inc.
ISES Corporation
item Mid-Atlantic
Jensen Hughes
JLG Industries
Johnson Controls - Family of Brands
Karndean Design Flooring
Keyper Systems
Kidde Fire Systems
KOSTER American Corp.
Labor Finders

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EXHIBITORS CONTINUED

LiftMaster
Lighting Breakthroughs
Locksmith Ledger Int.
M3T Corporation
Magnolia Plumbing
Maintenance Connection
Maintenance Troubleshooting International
Marks USA
Marley Engineered Products
Master Locators, Inc.
Matting By Design
Mobile-Shop Co.
Monico Monitoring
Monnit Corporation
Morin Distribution
Multitherm Coils LLC
NALCO Water, an Ecolab Company
National Compressor Exchange, Inc.
National Fire Sprinkler Association
National Heat Exchange Cleaning Corp.
Nationwide Power
Natural Choice Corp.
Navien Inc.
Network Thermostat
New Pig Corp.
NTT Training
NUJO Inc.
Oasis International
On Target Maintenance, Inc.
ONICON Inc.
Orion Energy Systems
Orr Protection Systems Inc.
Overly Door Co.
Pacific Stair Corp/Safe-T-Nose
Parcel Pending
Parking BOXX
Parkland Plastics
PBI Restorations
Pennoni
Porous Pave Inc.
PotholeRepair.com
Potter Electric Signal Company LLC
Power Pusher, Div. of Nu-Star, Inc.
Powerhouse Equipment & Engineering
Precision Concrete Cutting
PS Flood Barrier
Pure Water Technology of Central PA, Inc.

Q Ware
Q-PAC
Quadlogic Controls Corp.
RAB Lighting
Rain Bird Corp.
RCI Technologies East
RectorSeal
Reechcraft Inc.
Reliable Controls Corp. USA
Reynolds Building Solutions
RIDGID
Rimkus Building Consultants
RLE Technologies
RUNNUR: Tablet Carrying Solutions
SafePro
Safety Technology International, Inc. (STI)
SALTO Systems
Sapling Company Inc.
SATEC Inc.
Schneider Electric
Scotch Corporation
SELECT Hinges/SELECT Products Ltd.
SemaConnect
ServiceMaster NCR
SERVPRO
Shiloh Paving & Excavating Inc.
Site 1001
SMS Valet
Snake Tray
Socomec
Sodexo
Solid Waste Solutions
Solus Group
South-Tek Systems
Special Pathogens Laboratory
Special-Lite Inc.
Standard Solar Inc.
Stanley Access Technologies
Stanley Steemer
Staples Business Advantage
Starline
Steadyrack PTY
Steril-Aire Inc.
Sto Corp.
StructureCare
Stuart Dean Co. Inc.
Summit Anchor Co. Inc.

Sunbelt Rentals
Sunline Office, LLC
Suppression Systems Inc.
Swiftspace Inc.
TC LifeSafety
Tecta America Corporation
Telesteps
TEMP-AIR
TerraCycle Regulated Waste
Test Products International
Teupen North America
The Harvey Salt Company
TimeMaster
TMA Systems LLC
Total Asphalt Technology
TownSteel Inc.
Tremco Roofing and Building Maintenance
TriTechnologies Ltd.
Trystar
U.S. Department of State
Unlimited Restoration Inc.
USA LED
Veolia Environmental Services
Versico Roofing Systems
VFS Fire & Security Services
Viking Group, Inc.
WaterSignal
WD-40 Company
Wearmax
Weil-McLain
Werres/Cushman
Westminster Fire Extinguisher Services, Inc.
WGL Energy
Whalen Co. (The)
Wilmot Modular Structures Inc.
Witmer Group, The
Wizard Software Solutions
Y-pers
Yardi Systems
ZTS Inc.

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