

2020
SAFETECH
Synergy

Elevating **QHSE** with Industry Best **Technology!**
Presented by ITRAK

Wednesday, May 27 @ 3:30PM (MST)

HSE METRICS AND REPORTING:

Using Power BI to aid in decision making



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HOUSEKEEPING RULES

- Please mute yourselves
- If there aren't a lot of people, we'll take questions openly throughout the presentation
- Otherwise, feel free to ask question in the Chat panel or click the 'Raise hand' icon
- You can also join our Microsoft Teams Conference Channel and continue the conversation there (Ask Us How?)
 - Instructions: <https://itrak365.com/conference-schedule/>
- If you have question after the conference, see above or you can just email them to us via support@neosystems.com
- We can provide copies of the video and any presentation materials, just ask
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Introductions

Presenter



Kassem Elrafih
**Customer Support
&
Power BI Specialist**

Moderator



Darren Houston
Solutions Architect

Agenda

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- What is Power BI

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- Power BI Services

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- Power BI Plans

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- Out of Box Power BI Demo

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- Power BI Reporting Service

06

- Open Q&A

What is Power BI

Microsoft's Power BI is a business intelligence platform that provides nontechnical business users with tools for aggregating, analyzing, visualizing and sharing data.

Build powerful end-to-end business solutions by connecting Power BI across the entire Microsoft Power Platform—and to Office 365, Dynamics 365, Azure, and hundreds of other apps—to drive innovation across your entire organization.

Unify data from many sources to create interactive, immersive dashboards and reports that provide actionable insights and drive business results.

High Quality Reports – Minimal Effort

The image displays three screenshots of the Power BI Desktop interface, illustrating the workflow from a blank report to a data-driven risk matrix.

Top Left Screenshot: Shows a blank report canvas with the 'Fields' pane on the right. The 'Fields' pane lists various data sources such as 'Users', 'Departments', 'Locations', 'Employees', 'Equipment', 'EquipmentTypes', 'EventOccurrences', 'Events', 'EventTypes', 'Facilities', 'FacilityTypes', 'Findings', 'FormCategories', 'FormFields', 'FormInstances', 'FormPages', 'Forms', 'AccountTypes', 'AccountUsers', 'Assignments', 'BusinessUnits', 'Categories', 'CategoryTypes', 'Companies', 'CompanyTypes', 'CreatedDates', 'CreatedUsers', and 'Forms'.

Top Right Screenshot: Shows the same report canvas with a 'Working on it' message in the center. The 'Fields' pane is visible on the right, and the 'Visualizations' pane shows a 'Table' visualization selected.

Bottom Screenshot: Shows the completed report as a risk matrix. The matrix is organized by month (2019, January, March, May, July, September, November) and displays risk counts and descriptions. The data is as follows:

2019	January	March	May	July	September	November
1 Catastrophic Extremely Remote	(Blank) Catastrophic Remote	(Blank) Catastrophic Reasonably Probable	1 Catastrophic Probable			
(Blank) Critical Extremely Remote	5 Critical Remote	2 Critical Reasonably Probable	1 Critical Probable			
1 Negligible Extremely Remote	2 Marginal Remote	3 Marginal Reasonably Probable	(Blank) Marginal Probable			
1 Negligible Extremely Remote	1 Negligible Remote	3 Negligible Reasonably Probable	(Blank) Negligible Probable			

Power BI Services

Power BI Desktop	Power BI Report Server/Mobile
<ul style="list-style-type: none">• Free• Connects to (SQL, ODATA, Dynamics) to create interactive reports customized for your business• Deepen your data insights with AI-driven augmented analytics• Provide insights in the context of your business with Standard or Custom Visuals	<ul style="list-style-type: none">• An on-premises report server with a web portal• Ability to display and manage reports and KPIs.• Ability to create Power BI reports, paginated reports, mobile reports, and KPIs• Ability to schedule data refreshes, maintain user permissions and more...

Power BI Tiers

Power BI Pro	Power BI Premium
<ul style="list-style-type: none">• Ability to share reports to Power BI Reporting Services• Ability to view/edit reports other Power BI Pro users share• Licensed per user• 1G of Storage per database• 10G of Storage per User	<ul style="list-style-type: none">• Advanced analytics, big data support, and on-premises and cloud reporting• Advanced administration and deployment controls• Dedicated cloud compute and storage resources• Allows any user to view/edit reports• 10G of Storage per database• 100TB of Storage
\$9.99/Month	\$4,995/Month

Resources

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