

May 17, 2019

DXC's Health, Safety & Environmental (HSE) Management Suite

or

**“Making the world of work,
work safer for people.”**

HSE Management deals with the *planning, implementation, control and optimization* of operational processes in the areas of **health protection, work safety and environmental management.**

What if you do HSE wrong?

Direct and indirect Consequences

“Operational failures or extended production stoppages of facilities or components of facilities as well as environmental damage could negatively impact earnings, affect the cost situation, and/or result in the imposition of fines.”

E.ON Annual Report 2016



Dead or injured persons



Property damage



Environmental damage



Reduced productivity



Additional costs for structural maintenance



Loss of money



Lawsuits



Loss of reputation



Fines from authorities



Competitive disadvantage through inefficient HSE Management

Source: https://www.eon.com/content/dam/eon/eon-com/investors/annual-report/EON_Annual_Report_2016.pdf

The ConocoPhillips Marine Safety Pyramid



Sources for ratios:

2003 ConocoPhillips Marine study estimating number of At-Risk Behaviors per fatality

1969 study by Frank E. Bird, Jrl, Insurance Company of North America

1931 book *Industrial Accident Prevention* by H.W. Heinrich

1 DGUV, http://www.dguv.de/medien/inhalt/zahlen/documents/dguv_statistiken_englisch_web.pdf

Typical business process of HSE

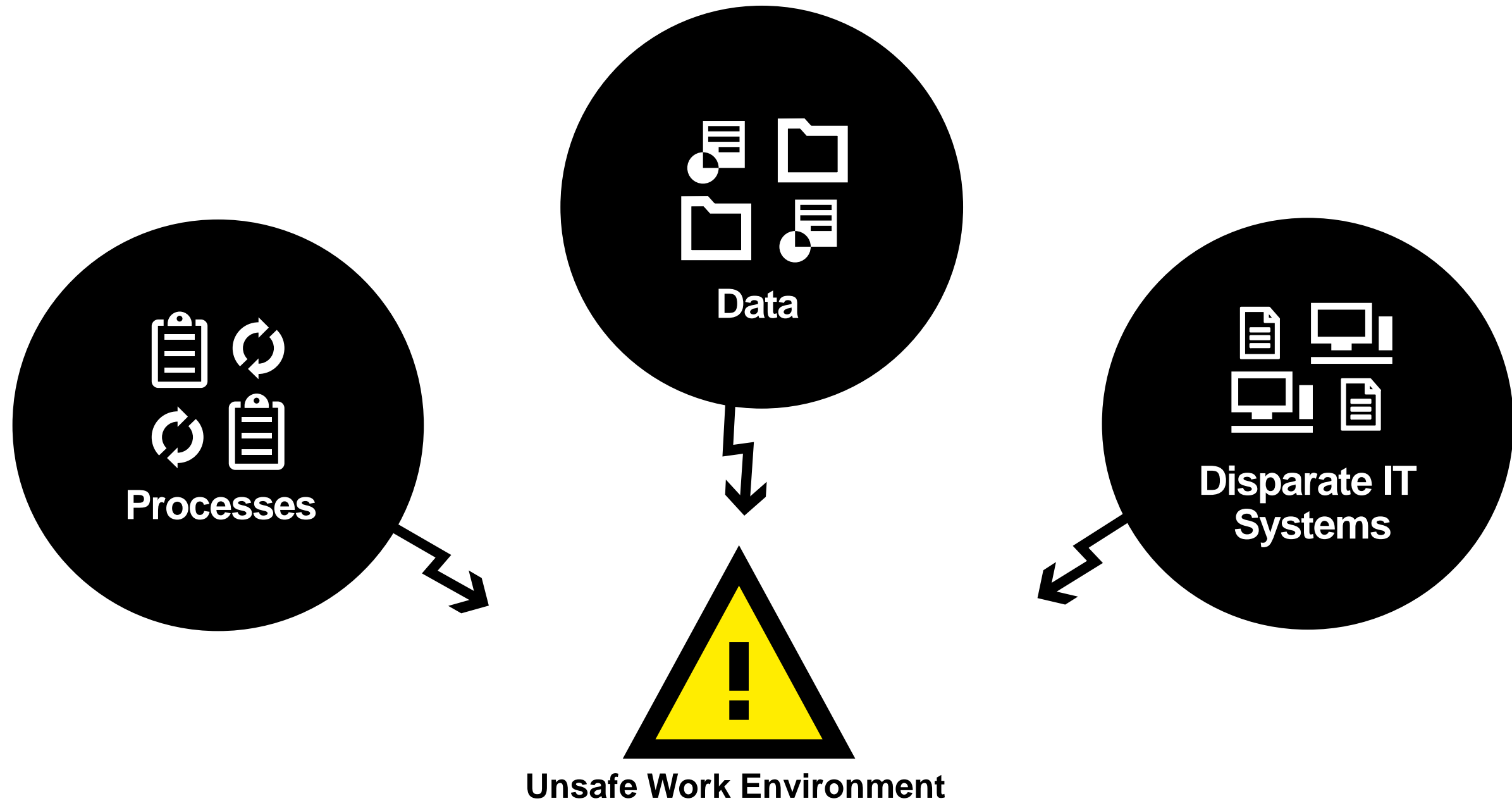


**Incident
happens**

**Incident is
taken care of**

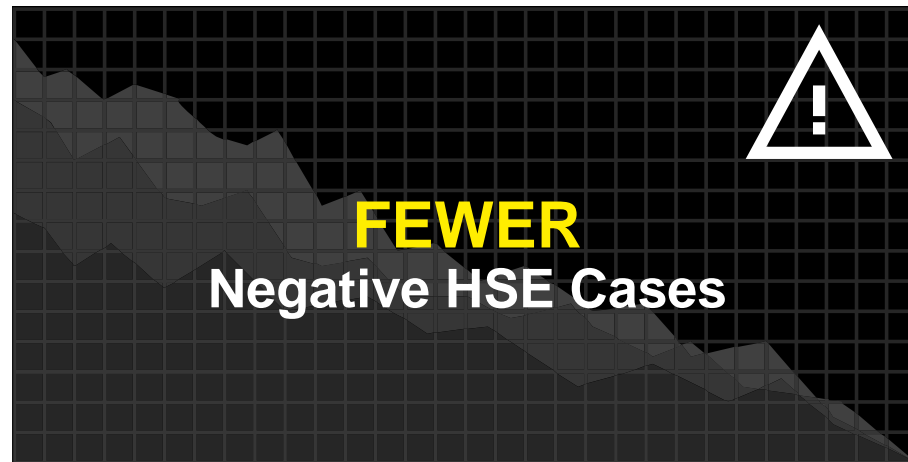
**Prevent future
incidents**

Common IT Challenges



Benefits of Bridging the Gap

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Bridging Business and IT Challenges with HSE

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Operation process improvement focused on minimizing worker injuries and damages caused by incidents



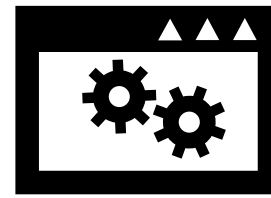
Enhanced work safety by proactively tracking near misses and hazards on a production site and executing the right measures to avoid incidents before they happen

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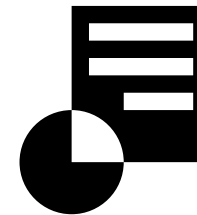
Log and Track Cases

- Incidents (Injuries with and without loss of time, Fatalities)
- Near misses
- Hazards



Create and Manage

- Investigations
- Risks
- Controls
- Certifications



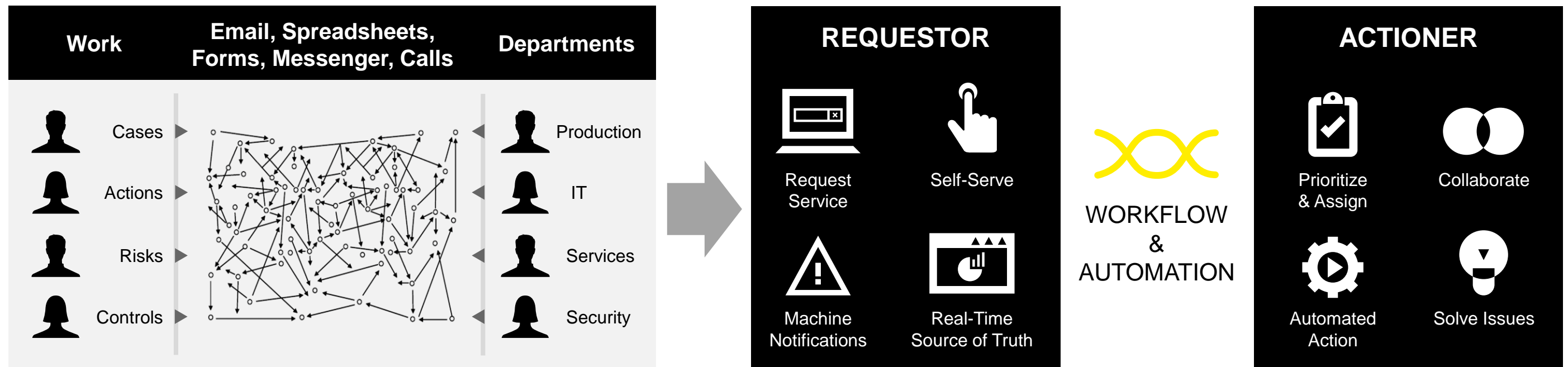
Report and Analyze

- Personalized dashboards
- Real-time reporting
- Drilldown capabilities

Foster a sustainable safety-conscious culture

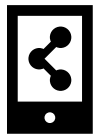
Leverage the ServiceNow Platform for HSE

Built on DXC's Deep Industry Expertise and ServiceNow – the market leading SaaS enterprise service management platform



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Overcoming HSE Challenges with ServiceNow



Mobility

Investigate and report a case on the spot, at an incident's location



Automation

Reduce time-consuming administrative work; assign and send tasks, notifications, reminders by role



Personalized view

Take advantage of role-based, tailored views based on personal preferences



Investigations

Capture injury information with body map; flag incident, hazard and risk locations on building floor plans



Flexibility

Easily adapt the system to your specific processes —HSE can be configured at both system and user levels

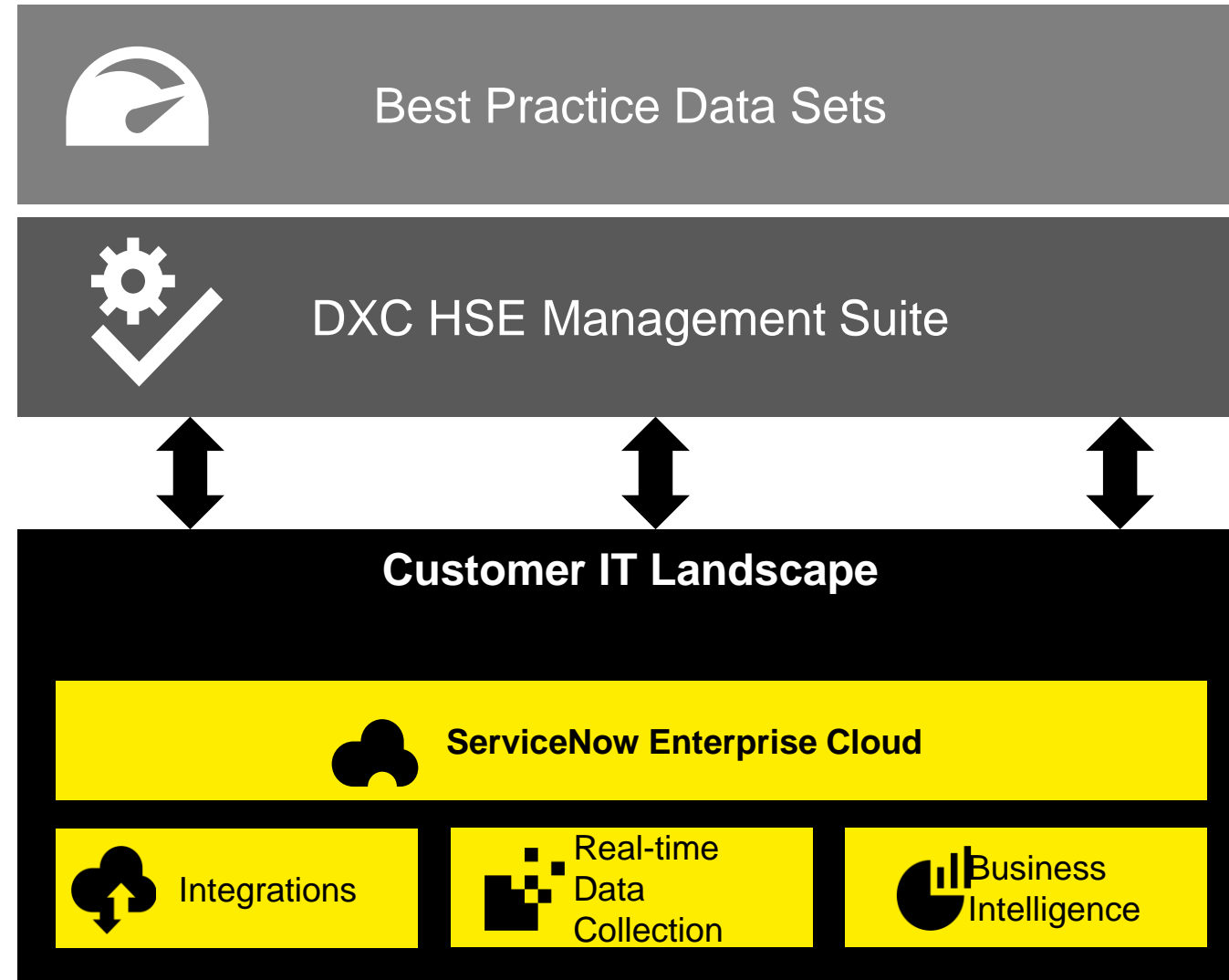


Integration

Integrate quickly and easily with applications like HR and Finance, digitally enabled personal protective gear, and other IoT systems

HSE Implementation

Download the Application from the ServiceNow Store



Fast deployment

Modern, easy to use, short ramp-up

Fast and secure cloud platform

IoT-ready IT landscape integration



Log and Track Cases

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Mobile First Design Supports Field Operations



1 Open a Case

The screenshot shows the home screen of the mobile app. At the top is a green header with a white leaf icon and a hamburger menu. Below the header is a blue button labeled 'Open a Case'. Underneath are three summary cards: 'My Cases' with a count of 22, 'My Actions' with a count of 1, and 'My Investigations' with a count of 373.

2 Provide Details

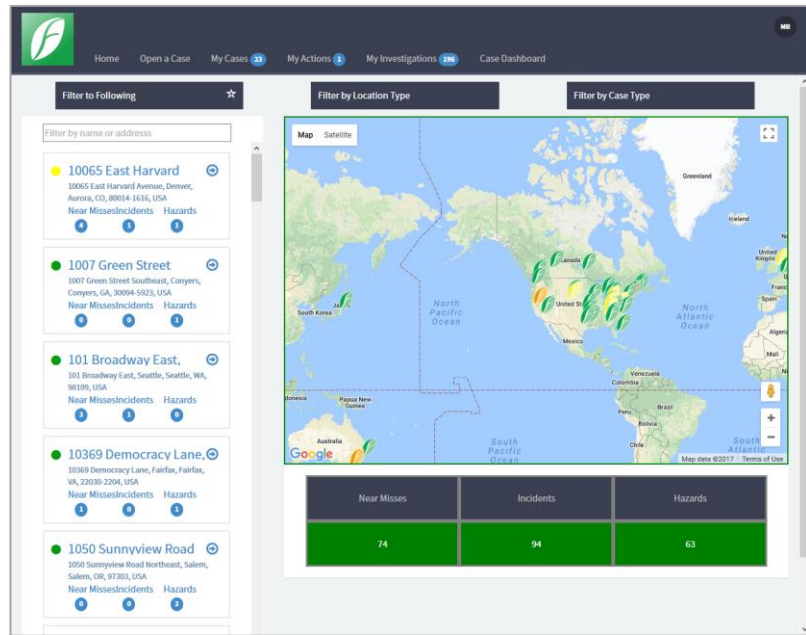
The screenshot shows the 'Report an HSE Case' form. At the top is a breadcrumb trail: 'Home > Service Catalog > Report an HSE Case'. Below is a search bar. The form title is 'Report an HSE Case' with a subtitle 'Report an HSE Case'. There is a section 'Report this case anonymously' with a dropdown menu set to 'No'. Below that are fields for '* Case type' (set to 'Near Miss'), '* Occurred on' (set to '2017-09-28 15:24:25'), '* Location type' (set to 'Onsite'), and 'Location' (set to 'Charles Street'). At the bottom are 'Submit' and 'Add attachments' buttons. An annotation 'Report anonymously' with an arrow points to the 'Report this case anonymously' dropdown. Another annotation 'Take a picture' with an arrow points to the 'Add attachments' button. A small image of a barrel is shown next to the 'Add attachments' button.

3 Submit Case

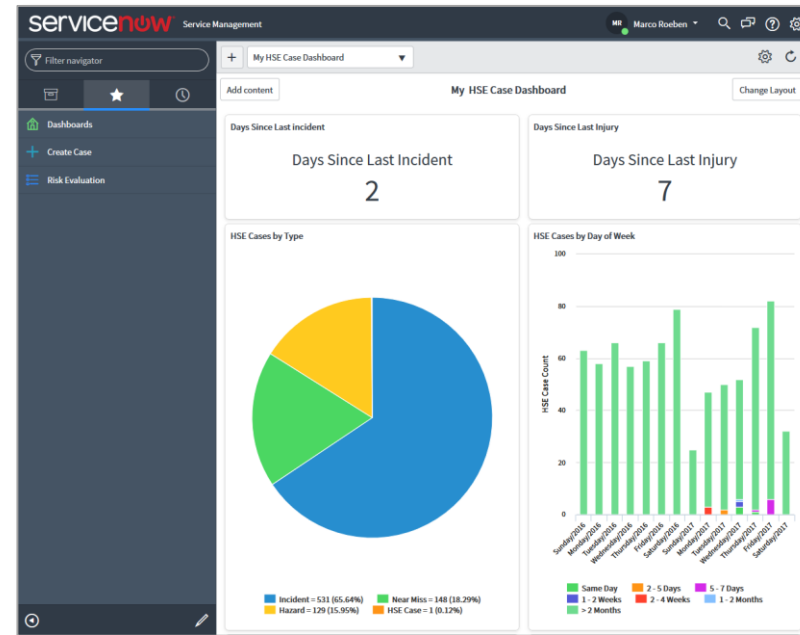
The screenshot shows the case details page for case number 'HSE0001973'. The page has a header with the case number and a link icon. Below are several fields: 'Number' (HSE0001973), '* Category' (Injury / Illness), 'Hazard' (empty), 'Equipment Involved' (empty), '* Occurred on' (2017-06-12 10:17:39), '* Reported by' (Donny Danger), and '* Location type' (Onsite). At the bottom is a 'Location' field.

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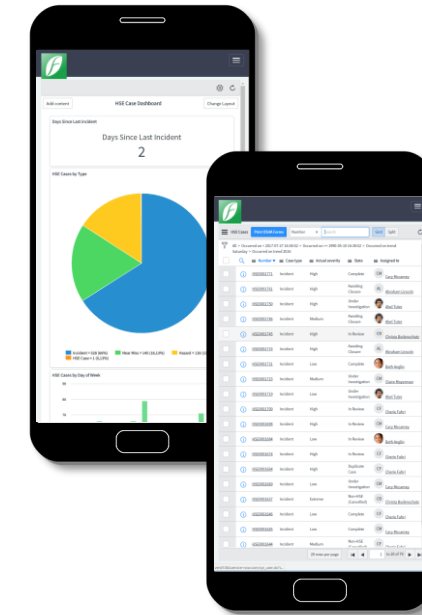
Builds Intelligence and Visibility into Daily Operations



- Operation-wide real-time reporting capabilities
- Successfully master the challenges of managing a multilocation or global operation
- Drill-down capabilities



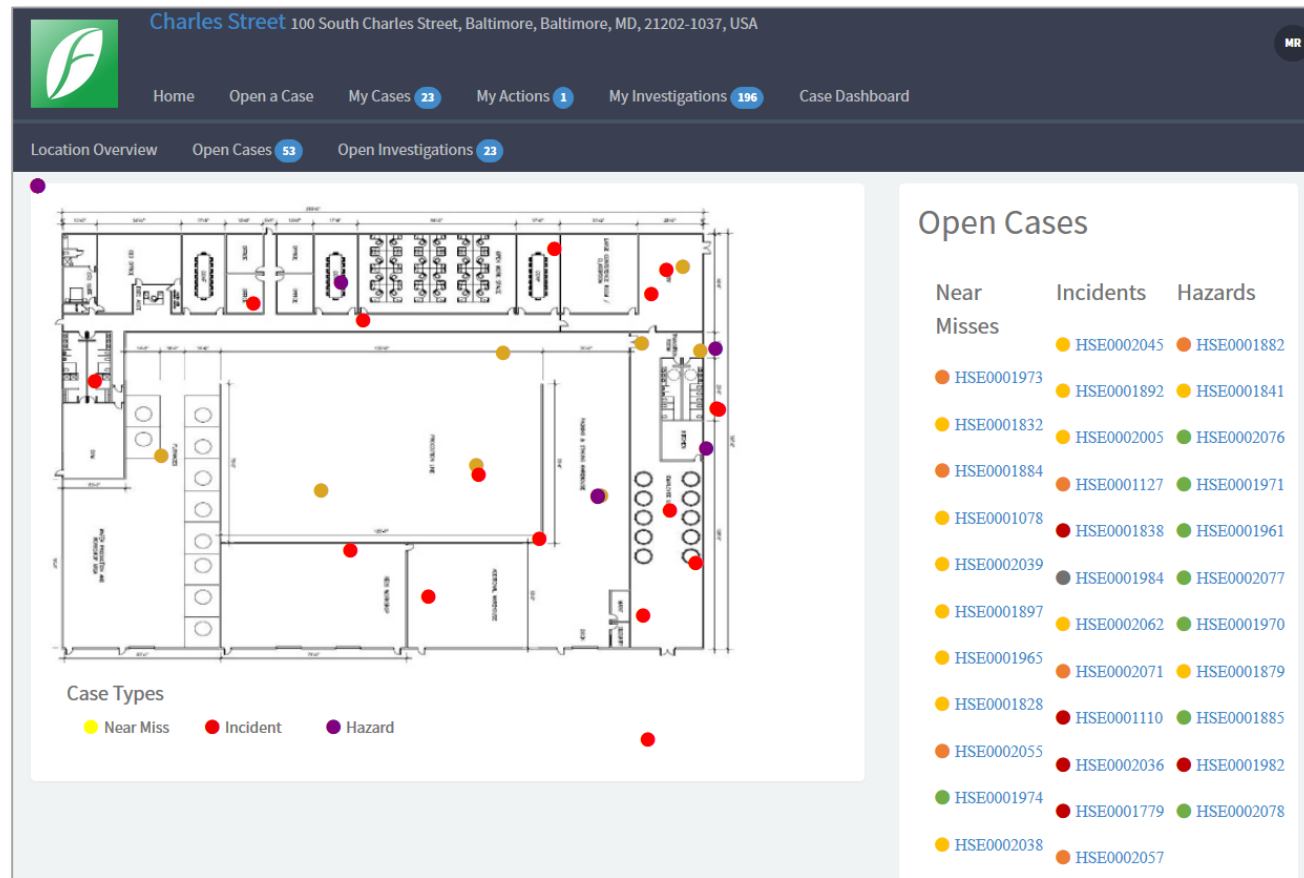
- Identify risks at each individual facility
- Zoom in on high-risk patterns
- Conduct lessons learned – what's happening in one location could be happening to others



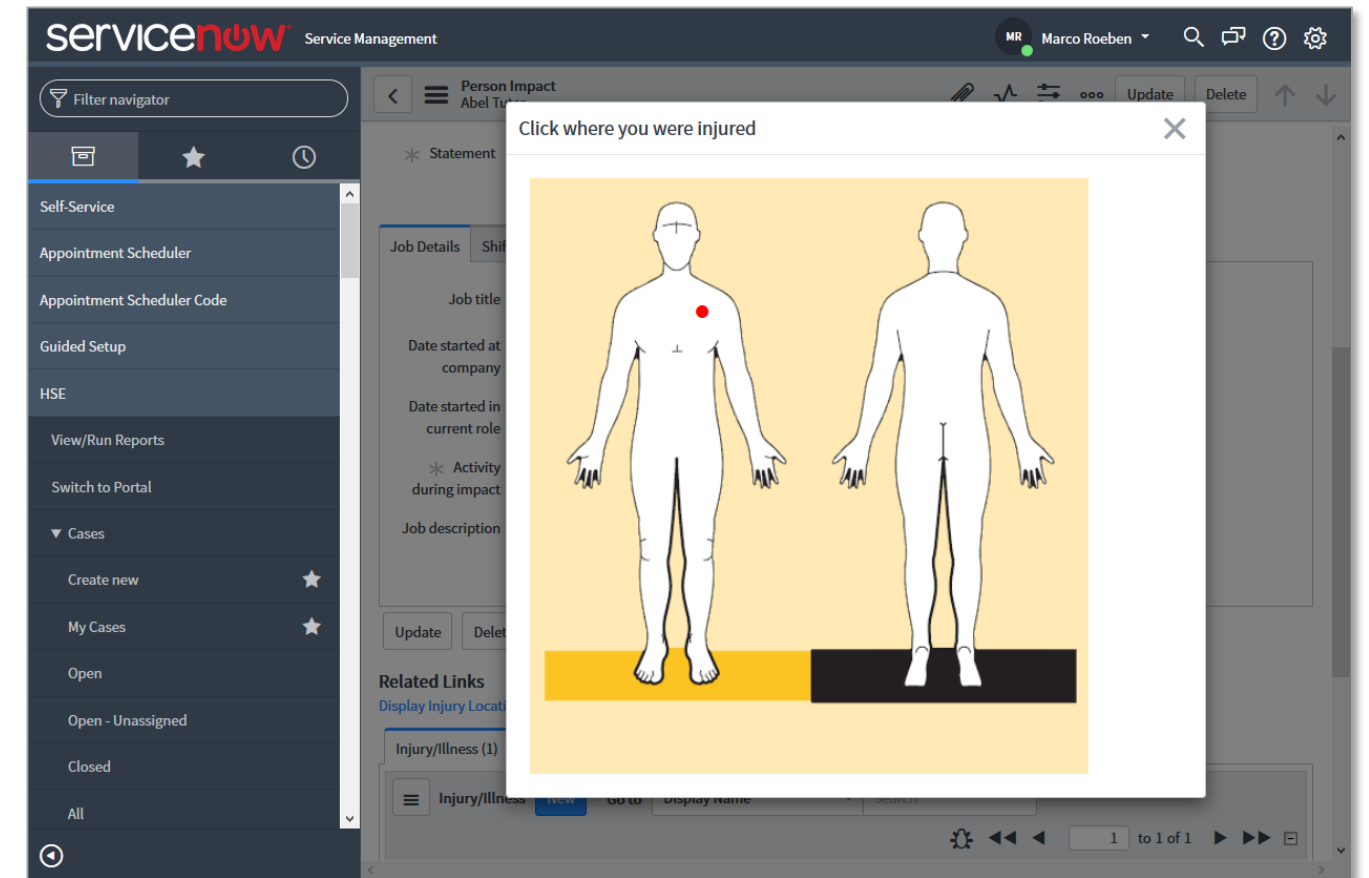
- Check reports, grant approvals on your mobile device

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Investigate Incidents and Build Learning into Operations



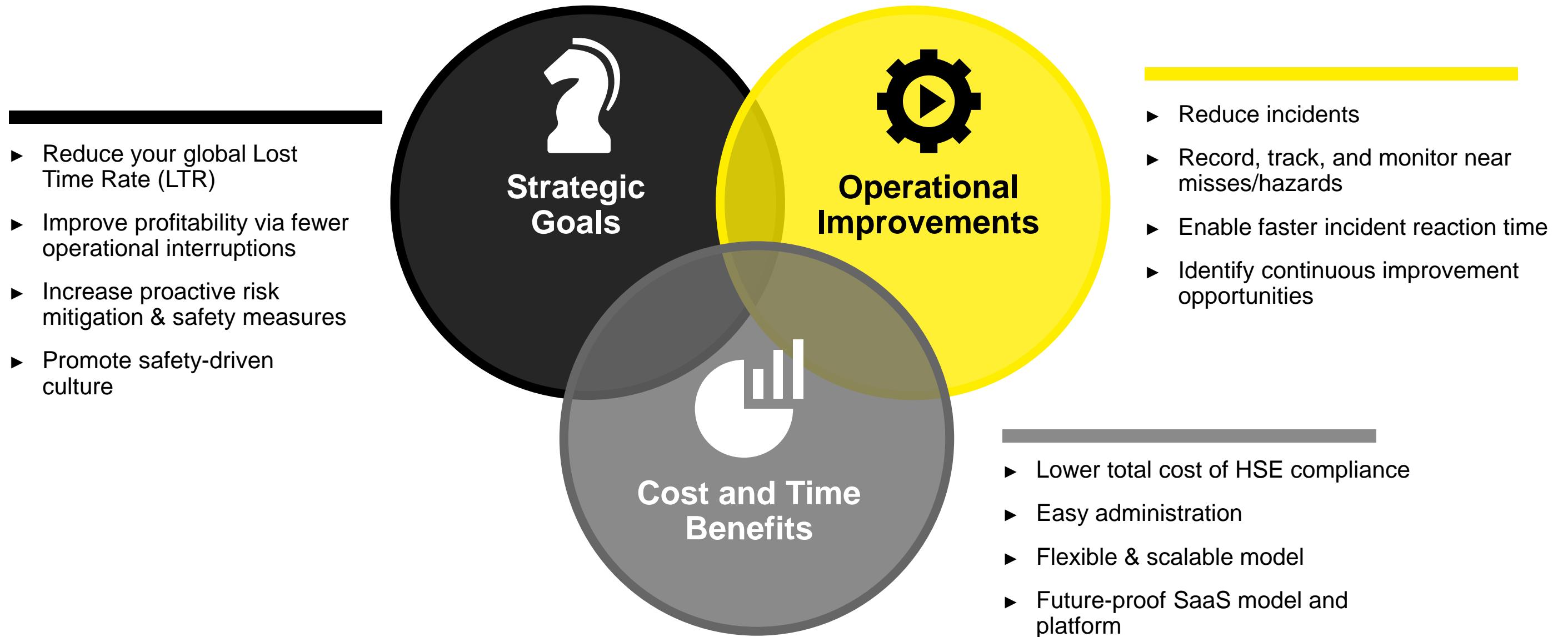
Flag specific incident, hazard, and risk locations on building floor plans



Facilitate information gathering, capture injury information with body map and medical treatment details

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Business Benefits



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Contact Information



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