

Addressing workplace health and safety with IoT devices

Capgemini's Digital Worker Management with Red Hat

The current environment, a steady influx of advanced tool and equipment releases, evolving regulatory requirements, and an increased emphasis on contract work means there are numerous obstacles to ensuring a safe and effective working environment. At a time when all organizations must pay close attention to employee health and many are battling with increasing worker safety incidents, cloud technologies have made it possible to overcome safety and operations challenges. The cloud enables organizations of all types to break free of the constraints of legacy IT and digitally transform their business.

Optimizing health, safety, and operations with wearable devices

Capgemini's Digital Worker Management solution uses cloud and wearable technology to help organizations ensure health and safety, optimize effectiveness, and maximize efficiency – and it can be up and running in as little as four weeks. An IoT-based solution with smart-camera and edge analytics, Digital Worker Management enables real-time worker and equipment tracking, time capture and tracking, proximity alerts, and notifications and surveillance in case of an emergency.

It leverages Bluetooth technology as well as image analytics to enable social distancing, contact tracing, and contactless interactions like clock-in and clock-out.

In addition to improving worker health and safety and minimizing the costs associated with incidents, Digital Worker Management maximizes profitability, improves schedule adherence, and optimizes working hours. For one oil and gas company, Digital Worker Management led to a 6% reduction in billing leakage, a 4x improvement in schedule compliance, and a 6x improvement in hours spent working.



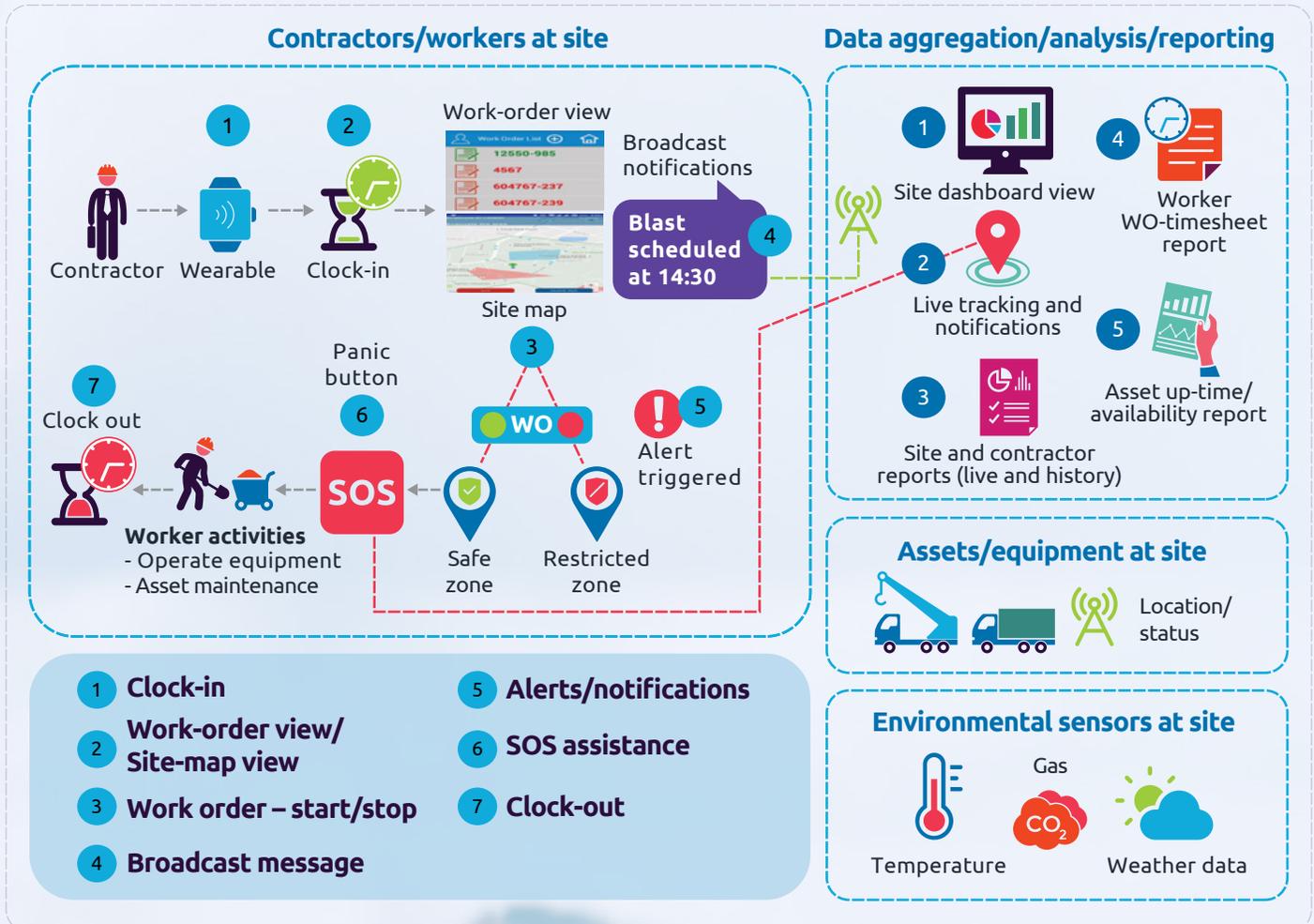
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- Live worker and asset tracking
 - Time reporting
 - Role-based safety alerts and notifications
 - Video stream focus triggers by zone intrusion or SOS alerts
 - Live site dashboards with comprehensive reporting capabilities
 - Worker notification broadcast
 - Activity timeline review
 - Social distancing, contact tracing, and contactless interactions

Digital Worker Management harnesses the power of Red Hat OpenShift Container Platform, Red Hat Ansible, and Red Hat Enterprise Linux for optimal results, including:

- **Flexibility:** scale to meet temporary or ongoing demand
- **Choice of infrastructure:** choose public, private, or hybrid cloud, with no vendor lock-in
- **Speed of implementation:** automation accelerates implementation and scaling
- **Security:** leverage enterprise-grade Kubernetes.

Get up and running in half the time

Digital Cloud Platform, Capgemini's accelerator for cloud-native development and innovation, contributes to rapid implementation. Leveraging proven business software components and services that are easily consumable through exposed APIs and a rich user interface, Digital Cloud Platform helps you accelerate past some of the toughest challenges associated with implementation.



Partnering for success

When you work with Capgemini, you work with the experts in cloud transformation. We bring one of the largest teams of professionally certified digital and cloud experts and cloud-native developers, and are consistently recognized for our capabilities and vision. By applying experience honed across thousands of projects, we build intelligent applications and cloud business models aligned to your specific challenges. Our experience in building industry-specific cloud-native platforms helps you respond

with speed and agility to opportunities and keeps you ahead of the competition.

Capgemini is a Red Hat Apex partner, one of a small number of companies to achieve Red Hat's highest tier of partnership in North America. The combination of Red Hat's open-source solutions and the rich knowledge and experience of Capgemini's industry and technology teams gives you the tools to make the shift to cloud to fully embrace digital.



Get in touch today

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About Capgemini

Capgemini is a global leader in consulting, digital transformation, technology and engineering services. The Group is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year+ heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. Today, it is a multicultural company of 270,000 team members in almost 50 countries. With Altran, the Group reported 2019 combined revenues of \$18.5 billion.

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Note: current conversion is €1 to \$1.09 (4/1/20)