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Addressing workplace health and safety with IoT devices

Capgemini's Digital Worker Management

The current pandemic, 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 are battling increasing worker 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.

Capgemini's Digital Worker Management

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.

Improve safety and productivity

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, contract tracing, and contactless interactions

Digital Worker Management and Microsoft Azure

Digital Worker Management leverages the Microsoft Azure platform capabilities to deliver out-of-the-box solutions that accelerate application development. Capgemini uses Azure's IoT framework, storage services, mobile application framework, and integration capabilities to build features that deliver secure and reliable digital services.

Why Capgemini and Microsoft

As a Microsoft Managed Gold Certified Partner with more than 25,000 skilled Microsoft professionals across 35 countries, Capgemini brings significant expertise to any project. Capgemini is one of the few partners to achieve gold competencies in Cloud Productivity, Customer Relationship Management, and Data Center.

- Top-tier Microsoft Strategic Alliance Partner
- 25,000+ Microsoft consultants across five continents
- 1,450 certifications supporting application migration and modernization
- 770+ Azure-certified architects
- 2019 Microsoft SAP Azure Partner of the Year

Jumpstart your journey to digital business today

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 €17billion.

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