



TRIOMOBIL

DIGITAL FACILITY SOLUTIONS

How can we utilize IoT technologies against outbreaks for safer workplaces?

The World is Changing: Covid Outbreak and Its Effects on Business World

The Covid -19 pandemic, which affected the whole world, also influenced the way we do business besides changing the way we live.

This extraordinary situation, which harshly affected national economies and upset the major balances, completely changed the daily routines of finance, operations, production, sales units in and brought forward some new concepts.

Surviving this period with minimum loss or no damage, will depend on how much the companies adapt to this change and how fast they orient themselves in order to maintain the continuity of their operations.

For company executives to keep up with this change, they quickly need to question the following more than ever:

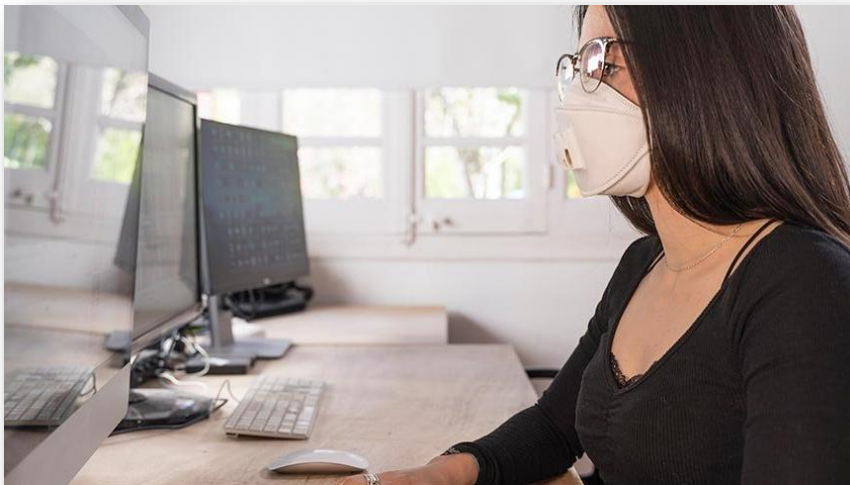
- Is it possible to consume less and save more financially?
- Are we efficient enough operationally? Can efficiency be maximized?
- Are we providing the necessary conditions for business continuity?
- Did we take necessary precautions for our employees and customers against the epidemic? Are these precautions reliable?



Priority for Business Continuity: Safety & Health

To ensure the continuity of organizations, the top priority is to sustain employee health and safety. When it comes to health and safety, precise solutions are required in a way that leaves no room for human error. And at this point, IoT technologies and solutions are coming to the rescue.

Maintaining business continuity and operational functionality while ensuring the safety of employees and customers, is possible with solutions offered by IoT technologies.



Security Measures That Can Be Implemented in Organizations:

As WHO (World Health Organization) and CDC (Centers for Disease Control and Prevention) emphasized over and over, social distancing is one of the most important precaution to be taken against the spread COVID 19. *

At this point, Trio Mobil developed the most “Reliable” “Human Error Free” and “Solid” solutions for this need via IoT Technologies.

**<https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/social-distancing.html>
<https://www.who.int/dg/speeches/detail/who-director-general-s-opening-remarks-at-the-media-briefing-on-covid-19---18-march-2020>
<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>*

1- Reliable Solution to Social Distancing

One of the main topics stated by all the authorizations across the globe, is to perform tracking and reporting, to ensure employee and environmental safety

According to the “Interim Guidance for Businesses and Employers Responding to Coronavirus Disease 2019 (COVID-19)” statement* issued by CDC on May 2020, implementing, policies and practices regarding social distancing, and monitoring them efficiently is crucial for companies to prevent the spread of the disease within their organization.

Considering the precautions, indoor real-time tracking systems are particularly prominent.



* <https://www.cdc.gov/coronavirus/2019-ncov/community/guidance-business-response.html>

Through technologies offered by “Trio Mobil Digital Facility – Efficient Work Force Solution”:

- 1- Real time control: real-time Social Distance control is performed
- 2- Real time notifications: In case of violations, a warning is sent to the previously defined contact information.
- 3- Back-trace Reporting: It's possible to create reports, regarding employee's close contact areas with others, time and location of activity. Thus, in case of a future contamination, historical information can also be obtained.

Efficient Workforce Solution enables; real time tracking of employees' social distances, warning - info notification and detailed reporting in case of violation

Onsite/Offsite alarms can be set up for each employee, and it will be possible to prevent unwanted occasions swiftly, as certain individuals and authorities will be informed instantly and get notification in case of violations.

Thanks to the easy installation and ease of use of the Trio Mobil IoT Platform, organizations can swiftly adapt to this change and a safe work environment can be created by ensuring business continuity, while taking precautions for employee health.

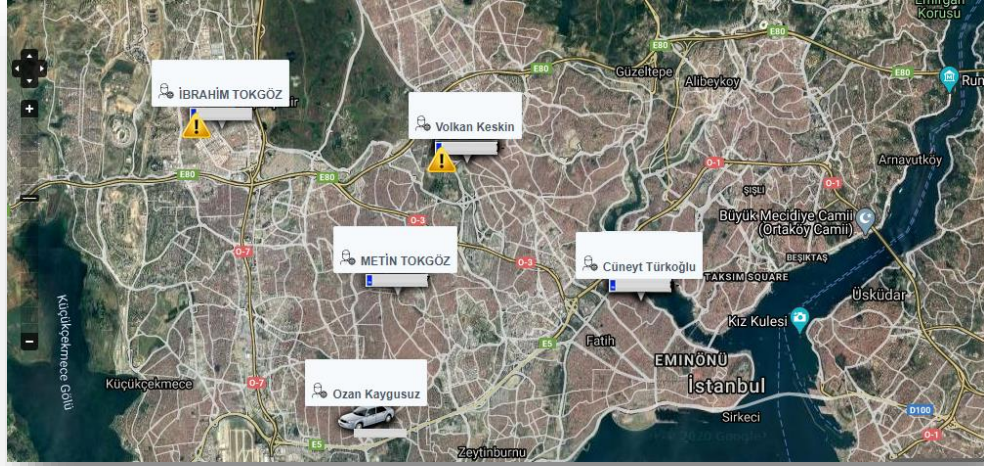
2- Tracking of Field Operation Employees

During the epidemic, monitoring the health and safety of the employees working on the field is an important factor. Detecting the instant and the previous locations of the employee, and being aware of emergencies have become critical in today's conditions.

Below are made possible with Trio Mobil's Personnel Tracking solution:

- Online – Realtime location information,
- High precision previous location information
- Emergency notification mechanism
- In case of failed GPRS connection, the ability to record the data and transfer it once the connection is up, with the help of the internal memory of the device
- In case of unfortunate situations, when the panic button is pressed, it is possible to acquire instant data about the employee such as his/her location and notify the related business unit





3- Entrance – Exit Control in Specified Spots

Controlling entrance and exits in many locations such as factories, super markets, pharmacies, retail shops, offices, etc. is crucial in terms of public and employee health

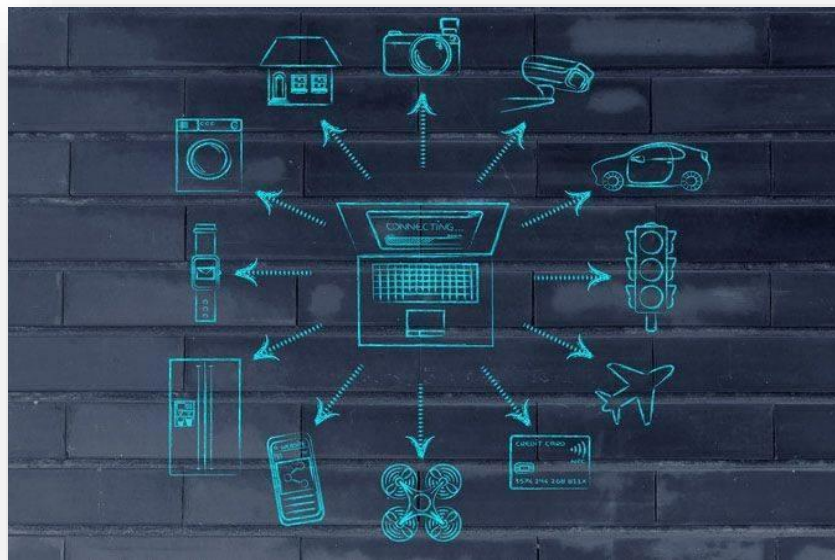
Trio Mobil Digital Facility – Visitor Traffic Measurement solution provides digital control of the Entrance/Exit traffic at the specified spot, and prevents unwanted queuing.



4- Keep Connected While Working Remotely

In order to ensure business continuity, it became important to be able to monitor the entire operation digitally from your home or office. With Trio Mobil IoT platform, developed with cutting edge technologies, it is very easy to generate and monitor the digital twin of the organizations.

Varying from workforce efficiency to energy consumption or from environmental conditions to production performance... All your data can be easily monitored through the secure cloud infrastructure of the Trio Mobil IoT Platform.



Problems regarding the tracking of the machines by relevant teams and employees may arise due to the epidemics. Trio Mobil IoT Platform lets the authorized employees to monitor if the machines and devices are working properly and provides a functionality for 24 hours remote tracking in case of any malfunctioning in the machines. Thanks to the alarms configured on the system, it is possible to intervene with spot-on solutions, without stopping the machines' work process as a whole.

Another important point is tracking and controlling the production. With Trio Mobil IoT Platform, it is possible to perform a fast inventory check of the produced goods without any interruptions in the production line. Especially during emergencies, monitoring the production is one of the major problems which corrupt getting accurate results. So, knowing that emergencies are open to the maximum amount of failure, this platform performs machine-based and error free production inventory check and comparisons for each hour/day/week and provides the opportunity to make production planning in line with the determined targets.

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