

INTERNET OF THINGS AND PROJECT MANAGEMENT

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The Internet of Things is essentially a global network of devices that communicate with each other over the Internet. IoT is connected to existing projects, apart from the common tasks that exist there. You can expect status reports in time experience over the Internet of Things to usher in an era of pioneering and revolutionary project execution.

Data collection will occur seamlessly and continuously, allowing leaders to make more informed decisions. Inventory and resources will be easily controlled at any time.

Devices can automatically detect and respond to what is happening around them or on their network, reducing the need for human intervention, lowering operating costs, increasing response times and minimizing errors. Moreover, customers can expect better and faster service.

In terms of project management technology, the Internet of Things will fundamentally change the speed of project execution. Organizations that capitalize on the IoT will complete projects faster than those that don't, and organizations that fail to adapt to the IoT revolution will be hopelessly left behind.

At least six things will change, requiring project managers to adapt technically and systematically (figure 1):

- IoT allows you to generate high-speed reports;
- IoT allows full monitoring and control of processes;
- IoT creates a huge amount of valuable design data;
- IoT allows for ultra-deep data analysis;
- IoT leads to stricter ethical and legal implications;
- IoT raises expectations from all stakeholders.



Figure 1 – Impact of IoT on project management