BlueCherry

Connect. Anything. Anywhere.

DPTECHNICS IOT TURNKEY SERVICES

Maintenance is time-consuming and often comes either too soon or too late. It's difficult to get it organized in such a way that it is both cost effective, efficient and results in optimum customer service.

Case 1

PROBLEM

Kate manages a vending company placing vending machines in various locations such as enterprise environments, airports and train stations.
According to a predetermined timetable a technician is send out to check and fill up the machines. If a machine starts malfunctioning just after the servicing, Kate loses turnover and customer satisfaction until the technicians return.

Alternatively, if a technician has no repairs or fill-ups to be carried out,the servicing is a waste of resources to Kate's company and weighs on the profitability.
Despite Kate's best effort to optimise the servicing of her vending machines, the results are rather poor.

SOLUTION

DPTechnics designed add-on hardware to make the machines IoT connective, wrote the software to enable the machines to communicate messages and information to Kate's headquarters and finally provided the BlueCherry.io IoT service platform to ensure fast, secure and stable IoT connections.

Whenever one of Kate's vending machines malfunctions, it now sends out a message to Kate's office, requesting a specific repair and/or fill-up. All Kate needs to do is provide the technician with the correct spare parts and/or prepare the fill up with the correct quantities of snacks and beverages according to the sales report the machine provided.

AFTERMATH

Technicians are now sent out only when necessary or worthwhile. The IoT enabled vending machines make it possible for Kate to reduce maintenance expenses significantly and yet offer a faster and better service to her customers.

For Kate it was important to work with one single IoT partner. Working with just one single partner makes the project clearer, simpler and faster to realize. DPTechnics was an obvious choice.

Case 2

PROBLEM

John runs a safety door company. His product is high performance. Sometimes even too high performance, preventing emergency services from entering the home of elderly people.

Also, many of his customers with a second residence find themselves compelled to give a key to their safety door to service providers, such as a pool boy, a gardener, the cleaning lady etc... . Although they have invested in a safety door, they end up not knowing who and when someone has access to their property.

SOLUTION

Looking for a safe solution for his customers problems, John consulted DPTechnics to develop an IoT connected door lock. DPTechnics designed the necessary hardware, wrote the software and connected the door locks with BlueCherry.io through highly secure encrypted data transfers.

In case of emergency, the children of the elderly can now open John's safety doors of their parents house from wherever they are. They can also check if their single parent locked the door at night and lock it if necessary.

Second residence owners no longer have to hand out spare keys to various people. They can now open their safety door whenever necessary, from wherever they are. They can also grant restricted access rights to different people. All movements of the door are logged and make it possible for the owner to verify if his gardener did use his access right, when he entered and left.

AFTERMATH

John's company now has a huge technological lead over its competitors and his sales agents easily convince potential customers to choose John's safety doors.

John selected DPTechnics to realize his IoT project not only because they could offer all of the necessary services but most of all because the BlueCherry IoT eco system does not store any data in the cloud, uses only encrypted IoT connections ensuring optimum security for his door locks.

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BLUECHERRY ADVANTAGES

Hardware, software + service platform
DPTechnics offers IoT hardware, IoT software and the BlueCherry.io IoT service platform. The combination of these 3 services enable you to realize your IoT project with one single partner.

Optimal security
The DPTechnics IoT ecosystem complies with all OWASP (https://www.owasp.org/) regulations to ensure optimum security.

Any browser, any device, any OS
BlueCherry.io runs on any browser. No App needs to be installed. It does not matter if the user's smartphone, smart TV, tablet or whatever other existing or future access device is used, runs on android, iOS or any other operating system.
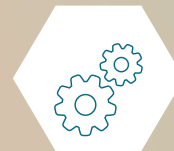
No data in the cloud
BlueCherry.io does not store any data in the cloud. All data, private user data as well as proprietary OEM data is stored on the device.

Easy to connect
All BlueCherry IoT connective devices are easily connected to the internet by cable, 3G or 4G or by means of on-board Wi-Fi. Port forwarding is not required.

No specific API required
To connect devices with BlueCherry. io no specific API is required; therefore vendor lock-in is non existent.

Smart devices
DPTechnics makes smart devices, not a smart cloud! BlueCherry IoT connective devices remain fully operational when internet connection is interrupted, not available or not desired.

BlueCherry

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DPTechnics

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