WMW and OPTION join forces in the fight against COVID-19
Market launch of various IoT solutions

Hasselt and Leuven, April 10, 2020 – 18h30 - WMW, the IoT platform of Clear Digital NV and OPTION, the IoT department of CRESCENT NV (Euronext: OPTI), are launching multiple solutions to tackle the Covid-19 pandemic at different stages.

In the world of IoT, with the help of sensors, you can see the visualization and big data of the things that are used to help a society or industry run operationally. Examples are Smart Waste, Smart Parking, but also Building Management.

WMW’s IoT platform technology facilitates to development of applications at rapid speed that are fully focused on the “use case” and exhibits great flexibility. This flexibility is extended very far. For example, the WMW platform is device, network and database agnostic and can be used and sold worldwide through partners.

“Since the outbreak of Covid-19, we have focused on applications that can handle different observations and effects around Covid-19. The apps were developed at a rapid pace because they are derived from our existing portfolio of nearly 100 apps. Our global network of resellers and their respective interactions with governments have allowed us to draw conclusions that cross-national borders,” according to Bert Vanaken, CEO of WMW.

CloudGate, OPTION’s IoT gateway, is the ideal hub to collect the sensor data and bring it to WMW’s analytics platform.

“Our gateway is multifunctional and can handle numerous protocols. From BLE to LoRaWAN to WiFi. That makes us just as flexible as WMW in terms of deploy ability in many different environments,” says Alain Van den Broeck, Option’s CEO.

WMW and OPTION will work together to offer 4 Covid-19 solutions:

1. **Quarantine Monitoring.** People who have to live in (self) quarantine do not always follow the rules and sometimes dare to go outside their zone. In this way they pose a high risk of spreading the virus. This solution identifies and informs the infringement.

2. **Proximity Registration.** When we, as a population, are allowed to move around freely again, it is desirable to establish our contact points (within a radius of for example 1.5 meters). This solution does so without the use of location data or without any other use of personal data, with the exception of the users’ telephone number. It is the most accessible solution to find out who has been in the vicinity of an infected person in the last 72 hours.

3. **Private Proximity Registration.** Companies that want to return to work demand solutions to protect their employees. This kit provides a private network and personal trackers to maintain a dynamic virtual geofence around an employee at site level. Since we will have to be careful for several more months to come and our employees are our most important assets, this solution helps to prevent and warn against proximity.

4. **MySpace Monitoring.** Elderly people, that we would want to follow up a little closer, can be in closer contact with their caregivers or family. Panic buttons, sensors that monitor movement, energy, and even doors, can be used in hospitals and rest homes, but also for people who still live at home. This allows direct, but also indirect, anomalies to be reported and timely action can be taken.
About WMW

WMW is a product of ClearDigital NV, a Belgian player in the IoT space with customers in the Telecommunication world (such as Orange, NNNco, LRTC, ...), and in the System Integrator world (such as SCSK - subsidiary of Sumitomo Corp, Capita, ...).

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About OPTION

The listed CRESCENT is a technology group led by the renowned Eric Van Zele, who united the old OPTION with the IT services company 2invision, the Dutch integrator SAIT, and the RGB Smart public lighting OEM Innolumis.

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Quarantine Monitoring

BLE to LoRaWAN transmitter

Wristband

LoRaWAN Cellular

Network

Intel Cloud

BLE to LoRaWAN / Cellular transmitter incl positioning with WiFi (indoor) & GPS (outdoor)

Wristband:
- Blood pressure
- Heartbeat
Proximity Registration

The app does not have an interface. It is just on and advertising. There are no results displayed in the app, no data is shared, nothing is being made visible.
Private Proximity Registration

Dedicated device advertising and sniffing

The devices look for a signal with high enough proximity. If it is picked up, it will be logged on the server. An alert sound can be played.
Myspace monitoring

Stakeholders:
- External systems
- People / staff
- Apps

Hub

Intel Cloud

Equipment
- Tools
- Assets
- Buildings & Rooms

Seniors
- Medical staff
- Patient
- Technical staff