

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 the 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.

Contact

URL: option.com; opticscrescent.com

Crescent NV/SA - Option™

Alain Van den Broeck - CEO

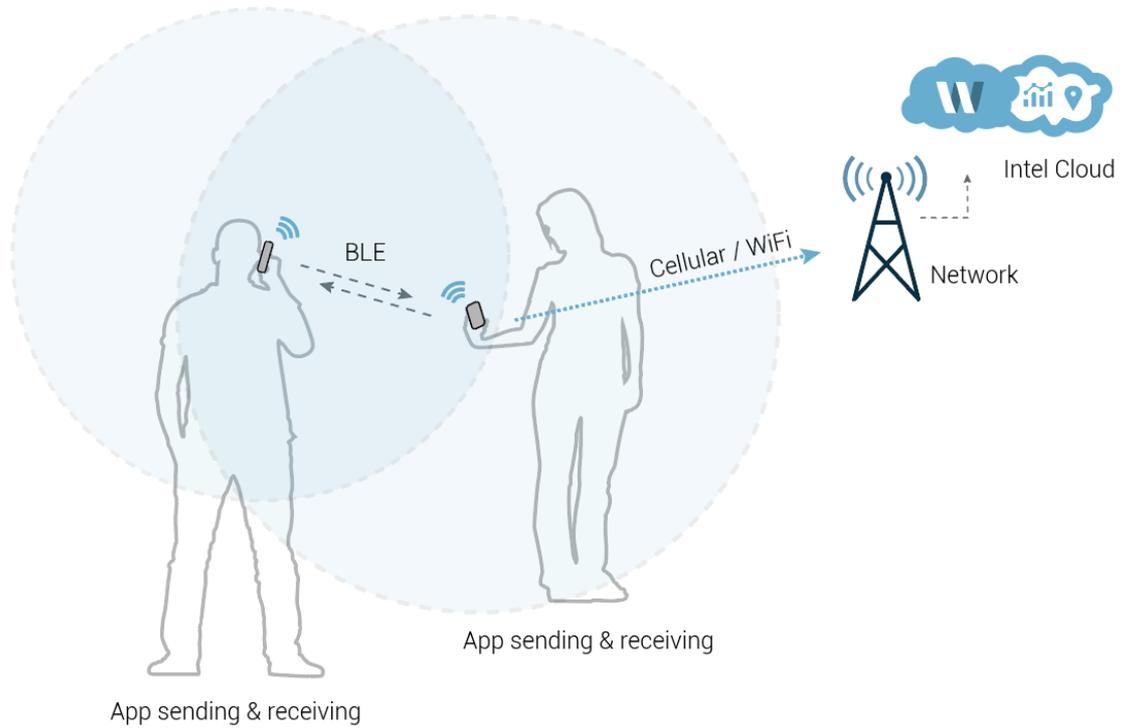
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Quarantine Monitoring

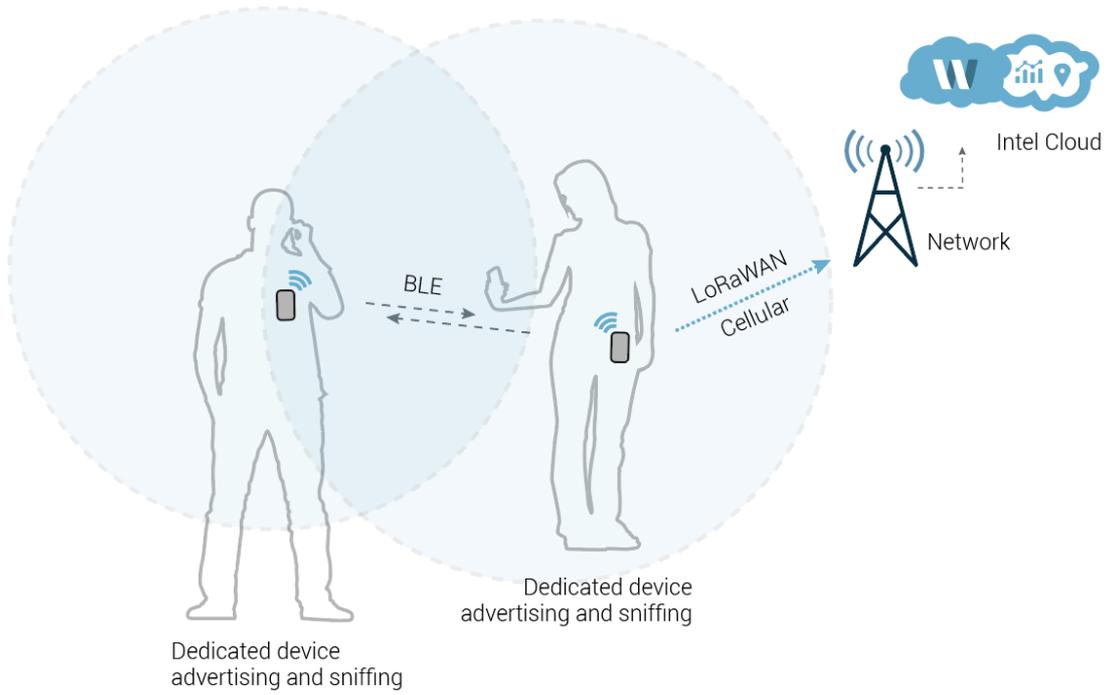


Proximity Registration



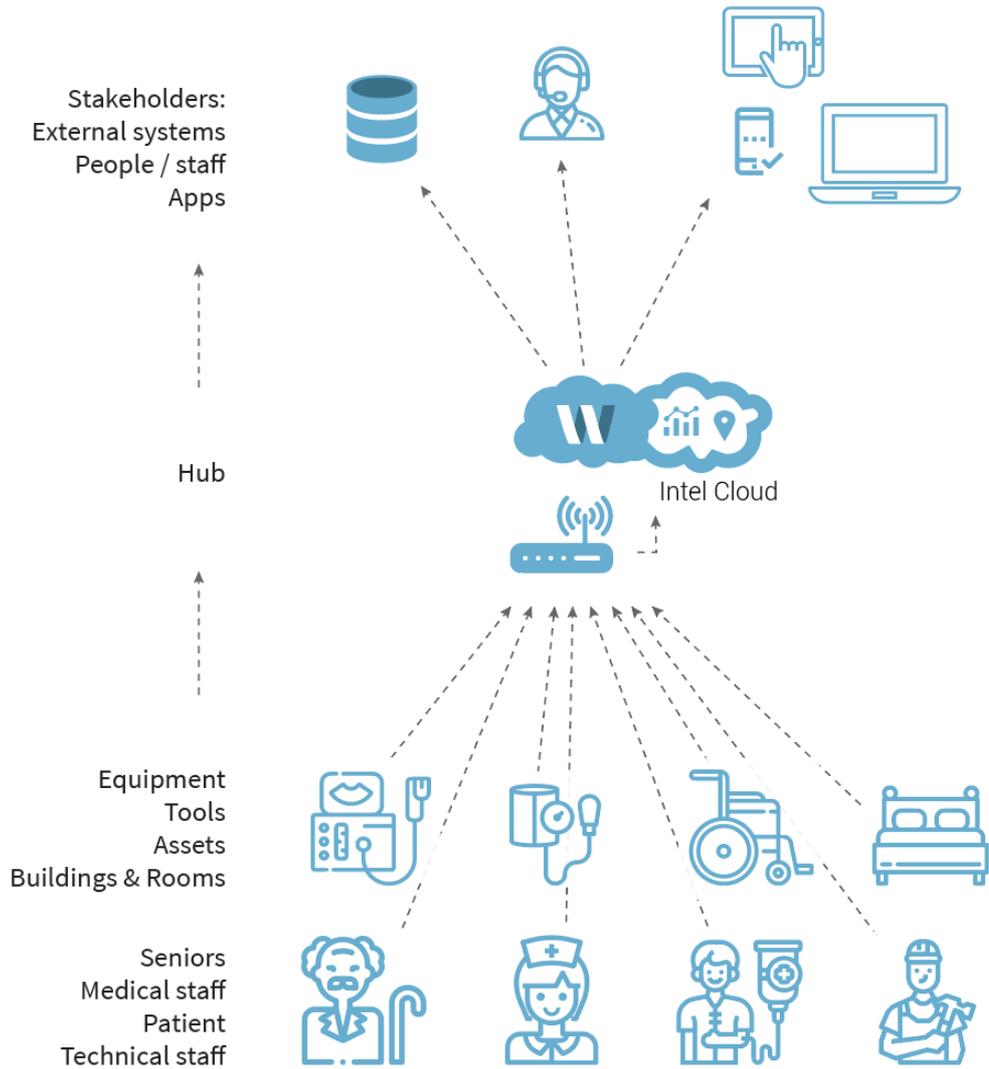
The app does not have an interface. It is just on and advertising.
There are no results displayed in the app, no data is shared,
nothing is being made visible

Private Proximity Registration



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



The screenshot displays the SC-NEX smart city dashboard. At the top, there's a navigation bar with 'SC-NEX' logo and tabs for 'Locations', 'Employees', 'Assets', and 'My details'. Below this is a search bar and filter options. The main dashboard area is divided into several sections:

- Tasks:** A grid showing task counts: 8 New Tasks, 2 New Alerts, 23 Resolved Tasks, and 5 Rejected Tasks.
- Asset Health:** A donut chart for Friday, November 22, 2019, showing the distribution of assets: # Vacant (blue), # Occupied (green), and # Devices Offline (grey).
- Asset Health Summary:** A grid of asset counts: 2 Assets in Alarm, 6 Non-Responsive Assets, 187 Active Assets, and 187 No Power Assets.
- Map:** A map of Singapore with a pop-up for 'Tras Link Park - Wallich street' showing details like Name, Brand, Address, Assets, and App.
- Tras Link Park - Wallich street Detail View:** A detailed view for the selected location, showing asset status (GREEN 42%), occupancy (Occupied), and a table of nearby locations.

Name	Address	Status
73rd	73rd St - 04022 Mandalay - Malaysia	un000y
Caritas City Hotel	1 Capeng St - 07002 Singapore - Singapore	un000d
Maxwell Chambers Square - Roadsign demo	32, Maxwell Rd - 00113 Singapore - Singapore	un000e
MCRC	71d St bet 26 - 04022 Mandalay - Malaysia	un000h
Shaw Wah Tun - 08th Street	Shaw Wah Tun St - 04022-HJ Mandalay - Malaysia	un000f
Suntara - Flower Tower	182 Cecil St - 00147 Singapore - Singapore	un000b
Tras Link Park - Wallich street	23 Wallich street - 00547 Singapore - Singapore	un000i

The screenshot displays the 'Asset Details' page for a 'Miggy AC-02 Prototype 2' scooter. The interface includes a navigation sidebar, a main content area with asset information, a map of the current location, and a history of status messages.

Asset Details

Miggy AC-02 Prototype 2

Brand: Miggy	Type: AC-02a
Status: In use	Date of first use: 23-02-2020
Maintenance schedule: Never	Next maintenance date: -
External reference: Scooter Koest	

Current location

Time: 20-03-2020 02:50:09 | Battery: 100% | Latitude: 52°47.49'N | Longitude: 4°22'46.57"E | Radius: 98.110237 | Number of gateways: 8 | In trip: 0 | Temperature: 26°C

Status messages

Map showing the scooter's movement path with battery levels and temperature indicators at various points.

Time	Battery	Latitude	Longitude	In trip	Temperature	Radius	Number of gateways
20-03-2020 02:50:09	100%	52°47.49'N	4°22'46.57"E	0	26°C	98.110237	8
20-03-2020 02:50:09	100%	52°47.52'N	4°22'46.53"E	0	26°C	98.081859	8
20-03-2020 02:46:08	100%	52°47.52'N	4°22'46.53"E	0	26°C	98.081859	8
20-03-2020 02:46:08	100%	52°47.54'N	4°22'46.53"E	0	26°C	98.019935	7
20-03-2020 02:38:08	100%	52°47.34'N	4°22'46.53"E	0	26°C	98.019935	8
20-03-2020 02:38:07	100%	52°47.52'N	4°22'46.53"E	0	26°C	97.957321	8
20-03-2020 02:20:07	100%	52°47.55'N	4°22'46.53"E	0	26°C	97.957321	8
20-03-2020 02:20:07	100%	52°47.52'N	4°22'46.54"E	0	26°C	97.716377	8
20-03-2020 02:18:06	100%	52°47.52'N	4°22'46.54"E	0	26°C	97.716377	8

Show 118/152 of the 210 results

In trip All results

1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0