

For immediate release

## **Macnica, EarlySense and Unimat RC Release Cloud Based Wellness Monitoring Solution for Elderly Care**

**Tokyo, Japan October 8<sup>th</sup>, 2020,:** Macnica, a developer of cloud based solutions headquartered in Yokohama, Japan and EarlySense, the global leader in contact-free, continuous monitoring solutions for the healthcare based in Tel Aviv, Israel , today announced a joint development of a new wellness monitoring system, 'noomi', targeting nursing homes, assisted living, and elderly care service applications at individual homes. AttentiveConnect, developed by Macnica, is a cloud-based service that manages residents' data, collected by EarlySense's noomi sensors, by providing an intuitive user interface for caregivers to collect and display residents' data on a dashboard, as well as record the support provided for residents.

EarlySensenoomi is intended to track general health and wellness by continuously monitoring heart rate respiratory rate, as well as motion through a sensor placed underneath the bed mattress. This allows collection and analysis of all data in one place, minimizes hardware cost and provides an environment to learn and predict residents' health trends over time and bed exits for fall prevention. Any device with a web browser can be used to operate the entire system from any location. Since this solution amasses data regardless of the location of nursing homes, huge amounts of data can be accumulated and processed for deep learning to improve the accuracy of prediction for bed exits and possible deterioration of health conditions, which may require clinical services from outside medical institutions.

Unimat Retirement Community (URC), a leading nursing service company operating 310 homes across Japan, actively participated in this project with Macnica and EarlySense by specifying the requirements to quickly identify residents who need help or support by caregivers especially during night shifts, and offered their facilities for field tests as soon as the first prototype of noomi and AttentiveConnect became

available earlier this year.

URC has been keen to utilize IoT based sensing technology to automate or eliminate as many nursing service processes as possible, such as regular night-shift checks of residents' rooms and recording services done, to help solve the chronic shortage of caregivers that has been abruptly exacerbated this year by COVID 19.

Japan is further ahead of other developed countries that are facing social and financial issues arising from a quickly graying population. In the meantime, it has an opportunity to take the lead on how those issues should be addressed using the most advanced sensing solutions based on cloud service.

noomi and AttentiveConnect will become commercially available in Japan and Taiwan in October, followed by North America and Europe early next year.

### **About Macnica**

[Macnica](#), Tokyo Stock Exchange: 3132, was founded as a value-add distribution company for semiconductor products in 1972 and extended its product portfolio to network equipment and cyber security products. [AttentiveConnect](#) has been developed by the Macnica's software development team as a cloud-based commercial service to offer a platform to manage vital sensors and their users to address social issues related to the healthcare. The total number of employees is over 3,000 and its revenue was \$5B in 2019 having 84 offices in 24 countries.

### **About EarlySense**

EarlySense® is the global leader in contact-free, continuous monitoring solutions for the healthcare continuum. Used worldwide in hospitals and post-acute care facilities, the medical products of EarlySense system assist caregivers in early detection of potential patient adverse events, including code blue events resulting from cardiac or respiratory arrest, patient falls, pressure ulcers, preventable ICU transfers and hospital readmissions. The EarlySense system captures critical information from

the patient, alerting caregivers of potentially adverse events early on. The company has partnered with leading global technology companies including Hillrom, Philips, Welch Allyn, Mitsui and Beurer. EarlySense is based in Ramat Gan, Israel, and Woburn, Massachusetts.

For more information, visit [www.earlysense.com](http://www.earlysense.com).

### **About Unimat RC**

Unimat Retirement Community, Tokyo Jsdag:9707 was founded in 1975. It operates 310 nursing homes offering wide range of elderly care services such as day care, short stay, group homes, and assisted living residences across Japan. Its total number of employees is over 9,000.