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For Immediate Release

Sumitomo Forestry Co., Ltd.

Establishing a New Private-pay Elderly Care Facility
"Gran Forest Tokiwadai"
Even more attentive nursing care utilizing an ICT monitoring system

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Sumitomo Forestry Co., Ltd. (President and Representative Director: Akira Ichikawa; Head Office: Chiyoda-ku, Tokyo; hereafter "Sumitomo Forestry") announces that Fill Care Co., Ltd. (President: Toshikatsu Nakazawa; Head Office: Yokohama City, Kanagawa Prefecture; wholly owned subsidiary of Sumitomo Forestry; hereafter "Fill Care"), a Group company operating private-pay elderly care facilities, will be opening a new private elderly care facility, "Gran Forest Tokiwadai" this November. The facility will be adopting a new ICT[1] monitoring system known as "Life Rhythm Navi Plus Doctor" and is accepting applications for residents starting from today.

Fill Care plans to implement this ICT monitoring system in its "Gran Forest" series of private-pay elderly care facilities which it intends to open in the future, of which Gran Forest Tokiwadai is the first.

Gran Forest Tokiwadai is Fill Care's 11th private-pay elderly care facility. In addition to the ICT monitoring system, the facility will utilize Fill Care's expertise and experience in operating facilities that provide care spaces and circulation which are safe and comfortable as well as high-quality nursing care services and recreational activities.

The ICT monitoring system collects and analyzes information from multiple bed and motion sensors, as well as environmental data such as indoor temperature. Nursing staff can check this information from computers and smartphones to monitor residents in real-time.

Injuries from falls and other accidents can also be prevented through an awareness of when residents have woken and left their beds. For example, daytime exercise can be increased for residents who sleep long hours during the day and wander around at night, so as to improve the quality of their nighttime sleep. This kind of sleep time management will improve the daily habits of each individual resident and is expected to reduce the load on nursing staff. The system allows meticulous care, and family members can even ask for information on the residents' health to be sent to their mobile phones daily.

The decision to implement the ICT monitoring system was based on research into the sleep environment of bedrooms in detached houses conducted by Sumitomo Forestry's Tsukuba Research Institute, which showed that a system making use of ICT can be effective in managing the status and health of residents staying in elderly care facilities.

By opening Gran Forest facilities implementing this ICT monitoring system, Fill Care hopes to further realize its nursing philosophy of providing "intimate nursing care like a family member" to bring safe, secure, and comfortable lives to its residents.

Moving forward, Sumitomo Forestry Group will continue to contribute to local communities through a variety of businesses.

[1] Information and Communication Technology

■ **Overview of the "Life Rhythm Navi Plus Doctor" monitoring system**

This monitoring system is an all-new customization of the "Life Rhythm Navi Plus Doctor" jointly developed by Osaka City University's Department of Medical Science on Fatigue (located in Abeno-ku, Osaka City) and EcoNaviSta Co., Ltd. (Head office: Chiyoda-ku, Tokyo), a medical IT venture business originating from Osaka City University's School of Medicine. The customization was based on the results of Sumitomo Forestry's research into monitoring systems for the elderly making use of ICT.

◆ Characteristics of the monitoring system based on multiple sensors after customization

1) Instead of the traditional method of assessing the residents' status based on information from standalone sensors, it is now possible to monitor their statuses based on information from multiple sensors.

2) An environment providing better support for the daily lives of residents is made possible through integration with a new nurse call system ("Yui Call" by Heiwa Techno System Co., Ltd.).

System implementation

Sensors, such as bed sensors, motion sensors, temperature sensors, and open/close sensors are installed in the rooms, and data from these sensors are collected and analyzed in real-time. The processed data is sent to the facility's computers and smartphones of the facility's staff. As individual settings are possible, nursing care tailored for each resident can be achieved.

◆ **Overview of the facility**

Facility name	: Gran Forest Tokiwadai
Location	: 3-19-2 Tokiwadai, Itabashi-ku, Tokyo
Nearest station	: 8 minutes by foot from Tokiwadai Station, Tobu Tojo Line
Site area	: 1,935.76 m^2
Floor space	: 2,296.38 m^2
Capacity	: 55