

## Press Release

### RED: AI robot as disinfection expert

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*PHARMAPLAN (Frankreich) Chartres, July 16, 2020: A new type of disinfection robot has been developed in France in cooperation between Hellomoov', Pharmaplan France and Akeoplus: RED, the "Robot Expert de Désinfection, with artificial intelligence. Jeremy Jacquart, Team Leader Process Equipment of Pharmaplan France, contributed pharmaceutical expertise to this project.*

The resumption of economic activities is currently taking place under hygienic conditions, which require daily cleaning of the inhabited premises, common areas and contamination areas, as well as prior disinfection of the working areas.

Personnel working in hospitals, nursing homes, but also in industry and the logistics sector are most exposed to the risks of contamination.

The new RED robot is able to disinfect industrial and hospital areas without contamination. It has a disinfection capacity of 100m<sup>2</sup> in 60 seconds, is 2.20m high and has an operating time of 8 hours without human intervention.

The main advantages of RED:

- RED ensures complete disinfection of the site and eliminates all risks of human exposure.
- Complete and detailed traceability of the cleaning imposed on each establishment
- Reduction in the use of protective equipment
- Modular solution to protect employees, customers and patients.
- Personnel deployment times are reduced.

The corona pandemic is far from being the first disease and is unlikely to be the last. This robot should help to limit the risk of contamination and protect the lives of many people not only now but also in the future.

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SIRET: 451 766 604 000 65  
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### About the TTP Group:

The TTP Group is a group of companies specialized in engineering services for the process industry. Since 2019 the management company TTP GmbH has united the **TRIPLAN** and **PHARMAPLAN** companies under one roof. This makes the TTP Group one of the leading medium-sized engineering companies for the process industry in Central Europe. More than 900 employees work at over 20 locations in Belgium, Germany, France, Switzerland and India.

**PHARMAPLAN** is a sought-after engineering partner of the European pharmaceutical industry and covers the entire engineering service spectrum - from feasibility and concept studies to the implementation of investment projects (EPCMV) and on-site support in operational engineering.

Under the operational brand **TRIPLAN**, TTP offers engineering services for plant construction primarily in the chemical and petrochemical industry. As an independent general planner and disciplinary engineering partner, TRIPLAN takes over the technical development for new construction projects, conversion projects and the modernisation and optimisation of existing plants.

**AKEOPLUS** (F) offers manufacturing companies comprehensive support for their industrial challenges. Over the past 15 years, AKEOPLUS has been committed to making new technologies a real growth engine and profitability lever for manufacturers.

**HELLOMOOV'** (F), a leader in mechanically assembled modular solutions in aluminium profiles and services for the cosmetics, food and pharmaceutical production industries.

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