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Siemens body temperature solution minimizes infection risk in buildings

- **Contactless temperature measurement at main entry points in buildings**
- **Integrates into workflow of existing security and access solutions**
- **Increases protection of building occupants**

Siemens Smart Infrastructure announced the launch of Siveillance Thermal Shield. This solution package quickly measures the body temperature of a person seeking to access a building and enables the results to be integrated into the video and access systems of corporations. Thermal imaging cameras are used to measure, in a contactless way, the body temperature at a distance of up to two meters, ensuring the safety of monitoring staff. If the camera screening indicates an elevated body temperature, a second reading must be taken using a medical thermometer to confirm the finding.

This solution package integrates the third-party screening camera with the Siveillance Video security platform and other security systems from Siemens. This allows the measurements to be seamlessly integrated into the workflow of the corporate security solutions. Using Siveillance Thermal Shield at the entrance to a factory building, for example, offers a quick and easy way to screen employees as part of routine access control procedures. This is particularly useful in the food industry where the Covid-19 pandemic has made production more challenging. Other possible use cases include hospitals and border crossings.

“Siveillance Thermal Shield improves the safety of all occupants in buildings or facilities”, said Joachim Langenscheid, Solution and Service Portfolio Head Europe at Siemens Smart Infrastructure. “We also advise companies on how they can use Thermal Shield for their industry-specific applications to optimize their security systems and procedures, and we support them in the technical implementation.”

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To ensure the highest level of accuracy, the cameras measure the body temperature near the eyes. A positive result triggers acoustic and visual alarms. The temperature is measured for each person individually to ensure accurate and reliable results. If a person shows an elevated body temperature and this finding is confirmed by a second reading obtained with a medical thermometer, the follow-up steps defined in the workflows are initiated automatically.

This press release and a press picture are available at

www.sie.ag/2YuPhDz

For further information on Siemens Smart Infrastructure, please see

www.siemens.com/smart-infrastructure

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Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of intelligent infrastructure for buildings and distributed energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed companies Siemens Energy, the global energy business of Siemens, and Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the energy systems of today and tomorrow as well as the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy (as part of Siemens Energy), Siemens is also a world-

leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2019, which ended on September 30, 2019, Siemens generated revenue of €86.8 billion and net income of €5.6 billion. At the end of September 2019, the company had around 385,000 employees worldwide. Further information is available on the Internet www.siemens.com.