

Siemens and SITA team up to deliver next-generation airport experience at new Kansas City International Airport terminal

Siemens and SITA are providing the Kansas City Aviation Department with future-proof, scalable technologies for the Kansas City International (MCI) Airport's New Terminal project, dubbed Build KCI.

The new 1 million sq ft 39-gate terminal will include a variety of building automation, fire and life safety systems, and security systems from Siemens as well as IT networks and next-generation airport systems from SITA. These solutions will help create a smart airport terminal that can grow with the aviation department's long-term needs, decreasing operation and maintenance costs and enhancing the passenger experience through automation.

"Together, Siemens and SITA are providing the virtual and physical infrastructure that will ensure Kansas City International Airport's New Terminal is equipped to deliver an exceptional journey for our passengers; one built on innovation, industry expertise and a true understanding of what travelers want today and into the future," says Kansas City's Director of Aviation Pat Klein.

Also important to the project is the need for a seamless transition from the construction to the operation phase, delivered through integrated life safety and

SIEMENS

Siemens AG
Werner-von-Siemens-Straße 1
80333 Munich
Germany

SITA

SITA
26 Chemin de Joinville
1216 Cointrin Geneva
Switzerland

emergency communications systems, a virtualized IT network and agile passenger touchpoints. In addition, the airport wanted to implement interactive technology that could be easily understood by airport staff, while also deploying next-generation passenger touchpoints such as touchless kiosks, flight information display systems and video walls that provide a more intuitive journey through the new terminal.

“Integrating the disparate airport systems has enabled data sharing across the airport ecosystem,” says Henning Sandfort, CEO of Building Products at Siemens Smart Infrastructure. “Siemens and SITA, through a joint project management approach, are combining their expertise in airport facilities systems, operations systems, and IT systems to provide the aviation department with a strong technology infrastructure and intuitive, easy-to-use systems that allow terminal staff and operators to transition from their two current airport terminals to a new, technology-advanced single airport terminal.”

Siemens is using its Desigo CC building management platform to integrate airport and facility systems with a converged network. Access control, video surveillance, distributed antenna, airport common use systems, multi-user flight information displays, IpTV, VoIP, and various other building automation, fire, life safety, and security systems will be incorporated. Fire alarm, public address, and digital displays will be integrated with the Desigo CC mass notification system. The Desigo CC platform will, in turn, be integrated with the airport asset management platform.

SITA's mission-critical network connectivity will be fundamental to the exchange of data around baggage, passengers and aircraft across the terminal. The network will be cloud-based and virtualized, providing greater cost efficiencies while supporting the airline industry's drive to migrate applications to the cloud.

SITA's airport systems will be fundamental to supporting a smoother passenger journey and the airport operations that underpin them. In the terminal, SITA Flex – a cloud-based common use platform – will allow passengers to check in through a simple biometric scan at one of the self-service kiosks or, if preferred, a traditional agent-assisted counter. Then they simply use their face as their boarding pass to board international flights. The multi-user informational display screens for flights, baggage and gates will also provide travelers with the information they need to navigate their way through the airport.

“Emerging from the pandemic has taught us the importance of implementing scalable and flexible systems that can accommodate unexpected changes in real time,” says Diana Einterz, President, SITA Americas. “SITA is providing the airport operations backbone that will give KCI the agility it needs to operate in this new environment.”

This press release as well as press photos and other material can be found at <https://sie.ag/3mkxgDN>

For more information about Siemens Smart Infrastructure, see www.siemens.com/smart-infrastructure

Contact for journalists

Siemens

Katharina Sipura

Phone: +41 796 50 7005; E-Mail: katharina.sipura@siemens.com

SITA

Julius Baumann

Phone: +41 22 747 6993; E-mail: Julius.Baumann@sita.aero

Siemens AG
Werner-von-Siemens-Straße 1
80333 Munich
Germany

SITA
26 Chemin de Joinville
1216 Cointrin Geneva
Switzerland

Joint press release
by Siemens and SITA

Follow us on Twitter:

www.twitter.com/siemens_press and www.twitter.com/SiemensInfra

Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. SI creates environments that care. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2020, the business had around 69,600 employees worldwide.

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. Active around the world, the company focuses on intelligent infrastructure for buildings and distributed energy systems and on automation and digitalization in the process and manufacturing industries. Siemens brings together the digital and physical worlds to benefit customers and society. Through Mobility, a leading supplier of intelligent mobility solutions for rail and road transport, Siemens is helping to shape the world market for passenger and freight services. Via its majority stake in the publicly listed company Siemens Healthineers, Siemens is also a world-leading supplier of medical technology and digital health services. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power that has been listed on the stock exchange since September 28, 2020. In fiscal 2020, which ended on September 30, 2020, the Siemens Group generated revenue of €57.1 billion and net income of €4.2 billion. As of September 30, 2020, the company had around 293,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

SITA

Today, SITA's solutions drive operational efficiencies at more than 1,000 airports while delivering the promise of the connected aircraft to more than 400 customers on 18,000 aircraft globally. SITA also provides the technology solutions that help more than 40 governments strike the balance of secure borders and seamless travel. Its communications network connects every corner of the globe and bridges 60% of the air transport community's data exchange. SITA is committed to being a carbon neutral company by 2022 through its UN recognized Planet+ program, while also developing solutions to help the aviation industry meet its carbon reduction objectives, including reduced fuel burn and greater operational efficiencies at the airport. SITA is 100% owned by the industry and driven by its needs. It is one of the most internationally diverse companies, with a presence in 200 countries and territories. For further information, go to www.sita.aero

Siemens AG
Werner-von-Siemens-Straße 1
80333 Munich
Germany

SITA
26 Chemin de Joinville
1216 Cointrin Geneva
Switzerland