

## **Press release**

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### ***Kapsch BusinessCom adds smart technology to the new office of Vienna-based AMS ServiceLine.***

**Kapsch BusinessCom is equipping the renovated AMS building in Vienna's 22nd district with intelligent sensors for the lighting. This smart lighting solution makes it possible to automate the lighting and operate it individually and thus to significantly reduce energy consumption.**

**Vienna, April 15, 2019** – Kapsch is equipping the new AMS ServiceLine call center with a comprehensive smart lighting solution that involved the digitalization expert installing 860 adjustable LED bulbs with the corresponding 860 sensors in the new offices in Vienna's Prandaugasse. Around 150 AMS employees spread over a total of 3,300 m<sup>2</sup> on five floors will now benefit from a pleasant work atmosphere. For those in charge of the building, this new solution offers easy and automated lighting controls coupled with an enormous potential for reducing energy consumption. "The renovation of our building was a good opportunity to opt for smart solutions in new areas. Over the long term, we expect to cut 80% of our electricity consumption. Kapsch has been a reliable partner to AMS in telephony for many years, with over 7,000 connections across Austria," explains Harald Halfmann, Head of Purchasing at AMS.

#### **Lighting only when really needed.**

At the heart of this new solution are the 860 sensors capable of measuring the most diverse parameters. For AMS, these include occupants in the room and sunlight. The LED bulbs automatically adjust their brightness to the sensor data and deliver different amounts of light depending on their location in the room. Workspaces near the windows, for instance, will receive a different amount of light than those located further away from the windows. The lighting conditions can even be adapted to the weather. The lights also switch off when the rooms are unoccupied, and the light in the hallways automatically brightens when someone walks through. The lighting adjustments are measured with such a high degree of sensitivity (30 times per second) and made so specifically that they are barely noticeable to the human eye. The only thing that the employees notice is that an optimal and comfortable light intensity of 500 LUX is always maintained in the rooms and at the workplaces.

The system makes it easy for facility management to handle and operate the lighting system. Facility managers can operate the system centrally or using remote access. When the LED lights go out, they can be replaced quickly, easily and, above all, safely since only plug connections and low voltage are used (power over Ethernet).

"The smart lighting solution at AMS is a great example of the potential that smart building technologies generally hold for employees, facility management, and building owners," says Jochen Borenich, member of the Management Board at Kapsch BusinessCom. Using the existing sensors and the intelligence behind them, many other functionalities could be covered or added, such as measuring temperatures to control the heating systems, automatic workplace reservations for shared office spaces, opening up unused meeting rooms (when no occupants are detected within a few minutes) and many more. Smart building represents a broad field for optimal management and efficient use of every building.

“The technological solution that we used at AMS comes from the German partner w-tech, a company of our digital ecosystem related to the topic of smart building. As an exclusive partner for Austria, we plan and install these smart lighting solutions end to end. Like all of our digitalization solutions, this means from the sensor through the interface with the platform where the data is processed and analyzed using artificial intelligence up to the application at the user in the smart office who can use a smartphone to reserve and manage his workplace,” adds Jochen Borenich.

**Kapsch BusinessCom**, a Kapsch Group company, supports companies in taking their business performance to the next level and developing new business models. As a leading partner in digitalization, the company operates as a consultant, system supplier, and service provider. Kapsch BusinessCom is the ideal partner for keeping abreast of rapidly evolving digital technologies thanks to its widespread expertise in handling large quantities of data and matters of security, in addition to the valuable experience gained from successful implementation of a variety of use cases across numerous industries. The company’s comprehensive portfolio in Austria, Romania and the DACH region includes technology solutions for intelligent and – most importantly – secure ICT infrastructure along with smart building technology, media and security technology, and outsourcing services. Kapsch pursues a strategy of manufacturer independence, cooperates with leading global providers such as HPE, Cisco, and Microsoft, and participates in a wide network of research partners and industry-specific solution providers ranging from startups to major corporations.

Kapsch BusinessCom services more than 17,000 customers both locally and globally, including Allianz, Erste Bank, ÖBB, OMV, ORF, and Vodafone. In the fiscal year 2017/18, Kapsch BusinessCom generated revenue of approximately EUR 318 million with its 1,200 employees.

**Press contact:**

**Alf Netek**

Chief Marketing Officer & Press Officer  
Kapsch Aktiengesellschaft  
Am Europlatz 2, 1120 Vienna, Austria  
P +43 50 811 1700  
alf.netek@kapsch.net

**Jutta Hanle**

Vice President Marketing & Communications  
Kapsch BusinessCom AG  
Wienerbergstraße 53, 1120 Vienna, Austria  
P +43 50 811 5787  
jutta.hanle@kapsch.net

Further information: [www.kapsch.net/kbc](http://www.kapsch.net/kbc)

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