

FRAME

THE GREAT INDOORS

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OUT OF OFFICE

Our guide to the remote-working revolution



BX €19,95 DE €19,95 IT €14,95 CHF 30
UK £14,95 JP ¥3,570 KR ₩ON 40,000

GO SMART

Intelligent surroundings take care of the little things, enabling higher levels of creativity and collaboration.

Businesses everywhere are facing the inevitable need for house-smart technology. A survey conducted by property developers British Land reported that 87 per cent of decision-makers say they'll require smart technology in the office the next time they move locations. A majority of them believe that smart offices are beneficial to both productivity *and* wellbeing, and the potential

improvements are huge; the survey projects a 51 per cent increase in each, on average. As young people enter the workforce in every industry, it's easy to predict their influence on updating spatial software, from lighting to heat control, and to further imagine the role of smart technology in advancing office culture. – LGM



Courtesy of 3F Filippi

Designed by Park Associati for 3F Filippi, the 3F HD lamp has an H-shaped profile composed of long bars of LED light. It can be installed as a single or in-line system. Direct or direct/indirect light emitted through seamless PMMA screens offers low luminance for workplaces and opalescent lighting where diffusion is desired.
3f-filippi.com



Simon Menges, courtesy of Tobias Grau

The XT-A Single table lamp by Tobias Grau has a light and motion sensor that automatically regulates light to ambient brightness within the area it occupies. The rectangular lamp is height-adjustable. It features Tobias Grau's patented LED OSA technology, which provides glare-free illumination in a neutral white shade.
tobiasgrau.com

BUILT ON DATA

'The future of work will rely on IoT and AI, says Coen van Oostrom of Edge Technologies, who's out to 'create better buildings and attract the best talent'.



Lizzy Ann

What will smart offices do for the future of work? What impact will they have on traditional ways of working and our behaviour within the workspace? COEN VAN OOSTROM: Smart offices go beyond boosting the productivity of a building's users. A smart building has all its occupants in mind, and that includes their comfort and health. At the very least, a smart-building app will let you access an office building and book meeting rooms, but it will also notify you of a decline in air quality, suggest the best parking spot and provide advice – perhaps recommending a walking meeting instead of the usual sit-down session.

We begin to rely on such 'silent personal assistants', which really do make our days run smoother and keep us healthier. The future of work will depend heavily on IoT and AI, technologies that will prevent us

from wasting space, while cutting costs and considerably prolonging a building's lifespan. In short, we will create better buildings and attract the best talent.

To optimize the ecosystem in smart offices, your buildings collect data. How does this technology operate? All our buildings run on Edge Technologies' smart technology platform, which combines a robust, extendible hardware infrastructure and a cloud-based data platform. To sum up the process, the hardware structure is based on a dense network of sensors and actuators that all collect data, which is then analysed and presented by means of clear, user-friendly dashboards. Each step is complex, and the results are very interesting.

How do Edge Technologies' various elements determine and inform the office? These elements allow us to see patterns, establish correlations and, eventually, to make data-driven decisions and even give automated advice. We learn about which building's aspects influence one another technically, and we're able to recognize measurable effects on occupants. Ultimately, our data-driven approach to building operations helps users to improve their individual performances as it facilitates the overall operation. ●

edge.tech