

# COMMUNICATION AND COLLABORATION TECHNOLOGY: LOW-CARBON SOLUTIONS BRINGING THE WORLD TOGETHER



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More and more organisations and workforces are geographically dispersed, but are expected to be responsive 24/7 despite different physical boundaries and time zones. Every year organisations waste significant time and money for travel and underutilised building space. In addition, more hidden costs for business travel and office space come at the expense of personal well-being and the health of our environment.

It's no small wonder that today's fast-paced society requires real-time communication and collaboration tools that are simple, flexible and effective to enable rapid decision making and problem solving. Innovative collaboration technologies can offer significant social and environmental benefits, such as expanding education and healthcare to more remote areas through video and web conferencing, and speeding up emergency response through automated notification and collaboration capabilities extended to any device.

## SUSTAINABLE IT SOLUTIONS

Avaya provides communication and collaboration solutions that are global, mobile and simple. Whether by text, voice or video, Avaya's goal is to increase access to information so organisations and individuals can make faster, smarter decisions and quickly solve critical organisational challenges. We work to give people the best collaboration experience, regardless of the devices, locations, or media they choose.

“Communication and collaboration technology is transforming the way businesses and organisations operate, allowing organisations to amplify their positive impacts while decreasing pollution and their carbon footprints.”

In a world of increasing electronic waste, the ability to leverage existing infrastructure is fundamental to Avaya's value proposition for providing sustainable IT solutions that are widely accessible and affordable. Avaya's energy efficient solutions minimise power consumption when products are in use. These solutions empower more effective organisations while decreasing negative impacts on the climate and environment. Through video conferencing alone, it is estimated that global business travel could be reduced 30



Avaya has reduced its carbon emissions from air travel by 36 per cent over a 12 month period due largely to the deployment of Avaya Scopia® video conferencing technology

percent world-wide, therefore cutting operational expenses and reducing the release of harmful carbon dioxide emissions from flight and rail travel. As an example, Avaya itself reduced carbon emissions from air travel by 36 per cent over a 12 month period due largely to our own deployment of Avaya Scopia® video conferencing technology as a travel substitute for business meetings.

### **TRANSFORMING ORGANISATIONS OF ALL SIZES & INDUSTRIES**

In many parts of the world, Avaya solutions are helping organisations and businesses of all sizes to have a positive impact on society and the environment.

In the healthcare industry, for example, telemedicine is serving patients that have difficulty reaching medical facilities, such as the elderly and rural populations. In the small community of Filipina, Panama residents typically had to travel two hours and sacrifice one to two weeks' salary to obtain specialised medical care. Now, patients are receiving medical attention from doctors and medical students at Florida State University --



Patients can receive medical attention from doctors and medical students through portable examination systems that are integrated with Avaya Scopia® video conferencing

3,000 thousand miles away -- through portable examination systems that are integrated with Avaya Scopia® video conferencing. The Scopia platform works well even outside highly controlled corporate networks. For image quality, which is critical to some health assessments, Scopia video is the only solution that will automatically adjust to accommodate any network issues and maintain the highest possible quality without dropping data.

Education - and access to education - continues to be a societal demand. In Portugal, The Foundation for National Scientific Computing, a private, non-profit institution, worked with Avaya to put communications infrastructure in place that helped consolidate e-Science throughout the country. Today, some 2,500 users at over 20 universities across the country are holding more than 700 video sessions a month. Avaya video conferencing and the online collaborative environment are used for classes, meetings and workgroups that include remote experts, professors from distant institutions and students. The combined solution has also provided a core tool to conduct distance learning promoted by a Portuguese Higher Education Institution to implement and disseminate e-learning strategies where teachers can easily exchange data with homebound students using PCs and projectors. The solution is also being used to train teachers and tutors involved in this project.

In a carbon and budget-constrained economy, collaboration technologies help keep organisations lean and effective. One Avaya customer has 135 employees that are distributed across offices in the U.S., India, Israel and Europe, as well as other remote locations. Their primary offices are more than 8,000 miles apart, in Tewksbury, Massachusetts and Bangalore, India. With high-quality Avaya video conferencing this customer eliminated nearly all international travel, saving more than \$300,000USD annually, while increasing business productivity by replicating the in-person experience.

Investing in communication and collaboration technologies will continue to improve society and will play an important role in decreasing waste, operational expenses and negative environmental impacts. ■

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