



Microwave Office Success Story

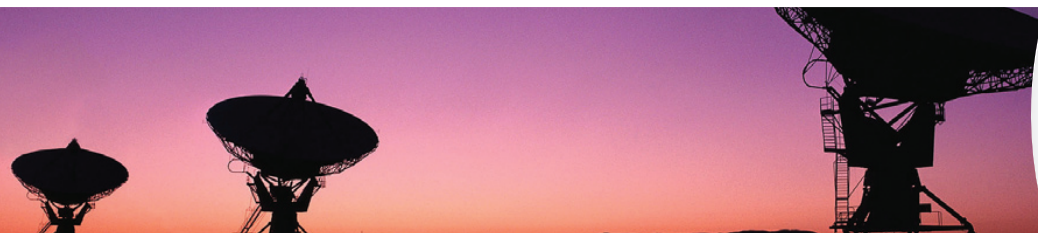
Alcatel uses Microwave Office to increase the productivity of hardware design

Customer Background

Alcatel provides communications solutions to telecommunication carriers, Internet service providers, and enterprises for delivery of voice, data and video applications to their customers or employees. Alcatel uses its leading position in fixed and mobile broadband networks, applications, and services to help its partners and customers build a user-centric broadband world. With sales of €13.1 billion and 58,000 employees in 2005, Alcatel operates in more than 130 countries.

The RF Design Challenge

"The point-to-point microwave links and space radio systems that we are currently designing are subject to intense time-to-market pressures and constantly increasing system complexity. Our engineers need the best tools available in the market but these tools need to be easily integrated into our existing design flow.



The requirements of CAD tools are constantly changing, so we need to have an open design platform able to quickly integrate new strategic tools that are necessary for our design effort."

The AWR Solution

Microwave Office® offers us significant improvement in performance and capacity, which increases our design accuracy and shortens design cycle time. The AWR solution offers us the best RF tool combination in an open design environment — powerful, speedy simulation and an easy-to-use, integrated design platform. In addition, AWR provides high level support services and extensive documentation. We are also very happy to see AWR strengthening its position as the EDA market leader by acquiring APLAC RF simulation technology.

Thierry Pfirsch, competency manager of R&D design tools worldwide for Alcatel, has responsibility for improving the methodology and productivity of hardware design by introducing, in collaboration with the different design centers of Alcatel, best-in-class tools and practices.



Customer:

Alcatel

AWR Products:

Microwave Office® Design Suite



"Microwave Office increases our productivity by shortening the design cycle and providing more accurate results. AWR's unique open design environment enables us to interface with our existing design flow to optimize the design process."

*Thierry Pfirsch,
Competency Manager of R&D
Design Tools
Alcatel*

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