

### *Developing a Mac Driver for Kensington's New Mac Compatible Keyboard and Mouse*



#### **Challenge**

Kensington planned to launch a new Mac compatible, wireless keyboard and mouse based on one of its successful Windows-based keyboard and mouse desksets. To ensure the utmost functionality for the Mac product, Kensington needed to develop a Mac driver that would be seamlessly integrated to enable wireless communication via Kensington's proprietary protocol and provide necessary hot-key support. To optimize resources and meet its scheduled ship date for the product, Kensington determined that it needed additional Mac development resources to help deliver the driver.

#### **Solution**

Kensington chose Orbital to develop the Mac driver for its new keyboard and mouse based upon Orbital's extensive Mac development experience and understanding of device drivers.

#### **Results**

Orbital developed and delivered the new Mac driver, ensuring full-functionality for the new keyboard and mouse and its seamless integration with the Mac OS. Per Kensington's specification, Orbital ensured that the driver's functionality was transparent to the user in order to provide optimal user experience and productivity. Orbital's in-depth Mac development experience and understanding of device drivers factored largely into the driver passing QA on the first cycle. As a result, Kensington was able to put the completed product into production ahead of schedule.

*"Orbital delivered a device driver for our new, Mac compatible, wireless keyboard and mouse set on time and on budget. Orbital's team is very competent and professional. The quality of Orbital's code is of such high quality that when our project was delivered, the code passed QA on first cycle. We were able to get our product into production ahead of schedule."*

*-Director, Research and Development  
Kensington*

#### **About Kensington**

Kensington is a leading provider of computer accessory products for home, office, or on the move. With over 300 different products, Kensington has built a reputation for developing innovative products that make the connection between users and their computers more enjoyable and productive.

#### **About Orbital Technologies Inc.**

Orbital Technologies is an established and trusted leader in software product development that provides software development services across a wide range of platforms and technologies. Orbital specializes in developing software for software and technology companies. Orbital works with the world's leading software and technology companies, like Adobe, Business Objects, Kensington, Microsoft and Riverdeep, to develop custom software components or entire applications for often complex or resource intensive projects.

*“Kensington chose Orbital to develop the Mac driver for its new keyboard and mouse based upon Orbital’s extensive Mac development experience and understanding of device drivers.”*

### **Developing a Mac Driver to Enable Communication Via a Proprietary Wireless Protocol**

When Kensington planned to introduce a new, Mac compatible, wireless keyboard and mouse based on one of its successful Windows-based keyboard and mouse desksets, it determined that it needed additional Mac development resources to help develop a driver for the product to meet its target ship schedule.

Kensington chose Orbital to develop the Mac driver for its new keyboard and mouse based upon Orbital’s extensive Mac development experience and understanding of device drivers. Orbital has the experience that Kensington needed and the track record for delivering complex software projects on time and on budget. Orbital undertook the project adhering to the specifications and schedule that Kensington required.

As part of the specification, Kensington required that the completed Mac driver be seamlessly integrated with the Mac OS to ensure an uncomplicated, easy installation and provide optimal user experience and

productivity. Following Kensington’s specifications, the new driver would also have to enable wireless connectivity between the keyboard, mouse and the computer via Kensington’s proprietary wireless protocol. Mapping hot-key functionality specific to the new devices and ensuring driver transparency on the user’s control panel were considered vital to the project’s success.

Orbital developed and delivered the new Mac driver, ensuring full-functionality for the new keyboard and mouse and seamless integration with the Mac OS. Per Kensington’s specification, Orbital ensured that the driver was transparent to the user, providing optimal user experience and productivity.

The driver for Kensington’s new Mac compatible keyboard and mouse was completed on budget and on time. Orbital’s in-depth Mac development experience and understanding of device drivers factored largely into the driver passing QA on the first cycle. As a result, Kensington was able to put the completed product into production ahead of schedule.

*For more information about Orbital’s software development services, visit [www.orbitaltech.com](http://www.orbitaltech.com), or call +1 604.681.7237.*

Your competitive **advantage**  
*for innovative software solutions*

**Orbital Technologies Inc.**

938 West 8th Avenue  
Vancouver, BC Canada  
V5Z 1E5

Tel +1 [604] 681-7237  
Fax +1 [778] 280-4010

**[software@orbitaltech.com](mailto:software@orbitaltech.com)**

**[www.orbitaltech.com](http://www.orbitaltech.com)**