



## PHADIA THERMO FISHER & RippleDown™ TECHNOLOGY

### *BUILDING A WORLD CLASS ALLERGY INTERPRETATION TOOL FOR PHYSICIANS*

In 2006 Phadia, Sweden approached PKS following a two-year search to locate an expert system with the power and sophistication to enable their vision of a world-class allergy diagnostic and interpretation system.

*"I never dreamed of finding software so simple to use, yet with the capacity to handle such complex tasks".  
Annica Onell, Phadia Thermo Fisher*

Finding the original cause for allergic reactions is sometimes like looking for a needle in a haystack. Typically blood tests can be used as an aid to rule out or confirm allergy. However, it can be difficult for primary care physicians who are non-specialists to interpret the test results accurately, or be aware of the latest research in this rapidly changing field. This often leads to sub-optimal management of the patient.

Phadia Thermo Fisher determined that an approach combining their innovative biochip technology, their cutting edge research in molecular allergology and **RippleDown™ Expert** would be a revolutionary solution to the mounting problems of allergy diagnostics and interpretation.

**RippleDown™ Expert** allows Phadia's leading clinicians and researchers to encapsulate their allergy expertise in a centralized Knowledge base. The Knowledge base provides a structured report with diagnosis and management advice based on the latest evidence based guidelines to each set of patient results and clinical histories. Using real-time interface to laboratories deploying Phadia Thermo-Fisher's diagnostic equipment, the Knowledge base allows Phadia's leading experts to assist primary care physicians around the world with the diagnosis and management of their patients.

*"The technical solution is genius. It now takes me less than 15 minutes per week to maintain the  
RippleDown™ enabled knowledge base". Annica Onell, Chief Engineer, Phadia Thermo Fisher*

The result is the most advanced allergy diagnosis and reporting system in the world. A ground-breaking system enabled by **RippleDown™** and available to over 3,000 Phadia Thermo Fisher clients worldwide, currently providing 70% of the world's allergy tests and reports.