

Optimization of vital resources

Case study in brief

Company

Region Skåne,
Intensive care unit

Industry

Health care

Challenge

Optimization of the
resources to maximize
the results from every
health care effort.

Solution

Flexible and easy to use
QlikView applications as
clients to the intensive
care system Paslva.

Benefits

- Flexible possibilities
for presentations
- Low implementation
costs.

The intensive care units within the Swedish health care organization Region Skåne handle patients that need around-the-clock observation and treatment due to very complicated health conditions. All employees are specially educated in intensive care methods and are continuously trained to be able to offer the best possible treatments at all times. The intensive care units employ approximately 900 people throughout Region Skåne. Intensive care is the most resource intense area within health care and therefore the need for follow up and optimization is particularly great.

More experience means better conclusions

Region Skåne runs a unique cooperation between its five largest hospitals. For a few years now the intensive care units have systematically developed common job descriptions for all health care tasks. This makes it possible to compare invested resources and results between the hospitals and thereby also draw valuable and meaningful conclusions about how to improve their quality and efficiency.

Göran Karlström is the Head of Operations at the intensive care unit at the central hospital in Kristianstad, one of the five major hospitals in the region. He is also the system owner of the intensive care reviewing system for the whole region. “Our follow up system is unique in that five different hospitals are using the exact same definitions for all jobs. This enables us to draw conclusions from our experiences. If you do not use common definitions it is like trying to compare apples and pears.”

”It is difficult to say how the situation would have been if we didn’t have QlikView for our follow up. We simply need to have a tool that is easy to use and that helps us maximize our results with respect to invested resources.”



Göran Karlström, Intensive Care Unit, Region Skåne

Easy to adapt and easy to use

The foundation for the intensive care reviewing system is the especially developed system Paslva. It is used for registration of detailed information about each single health care action. Paslva exports the data layer that the QlikView analysis application is based upon. Nurses and doctors can then use QlikView to easily follow up the operations and compare with the results from other hospitals. The system is used by 450 people within Region Skåne.

Other analysis tools were also evaluated before choosing QlikView as the main tool for analyzing the operations. “We have used QlikView since August 2004 and are very pleased”, says Göran Karlström. “The possibility to combine tables with graphical elements and the ease with which we can develop the applications ourselves, are the greatest advantages for us.”

More health care – same budget

Göran Karlström and his colleagues have been part of the implementation process all along. At first they wrote the specification for how the system should work. External resources then implemented the export from PasIva and built the first QlikView application. After that Region Skåne was able to do updates and further developments themselves. “Since QlikView is so easy to use for our developers, we have been able to keep the implementation costs at a low level”, says Göran. “In the future we will continue to refine our applications even further so that we can get even more health care from our precious resources.”

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