

**Service** Web Live integration  
**Industry** Education  
**Location** Eindhoven

Customer story **Assessing the quality of Bachelor and Master Programs**  
Customer Acacia

*The Acacia-project uses MagnaView as a visualization tool in a web-based application which might assess in the future the academic profiles of Bachelor and Master Programs at Technical Universities all over Europe.*

### Customer profile

The Acacia system is part of the ACQA project ('Academic Competences Quality Assurance') for Technical Universities in Europe, that was set up to investigate the academic profiles of Bachelor and Master Programs.

In the project, information is gathered by means of interviews with teachers; Acacia is used for analyzing this information. The results of this analysis are presented to program managers of the Universities involved.

"...MagnaView provides enormous flexibility in creating visualizations..."

### Representing Acacia

Kees van Overveld is associate professor at the Technical University Eindhoven, and primarily responsible for the Acacia system.

'Europe has the ambition to become one of the most competitive regions of the world. A condition is that education is at the highest possible level. In the past ten years we have seen a major reorganization of education in all European countries. The aim here is to ensure easy mobility for students, allowing complete their studies at different European Universities.

This has led to a need to compare the academic contents of university programs in Technical Universities. Therefore, we started Acacia, a web-based service, for this purpose. Participants in ACQA fill out questionnaires about educational programmes based on interviews with lecturers. We process and analyse this information, and then present the results to program management.

Studies in the area of data visualization show that comprehensive visual presentation is of paramount importance to increase understanding of data, and to help program managers to see the full impact of the analysis.

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After comparing a number of solutions, we finally decided to use MagnaView Web Live, and ask MagnaView to help us integrate Web Live in Acacia and to help create the visualizations we needed. MagnaView provides enormous flexibility in creating visualizations. Web Live turned out to be easy to integrate in Acacia. For the near future and beyond, we have various extensions in mind.'