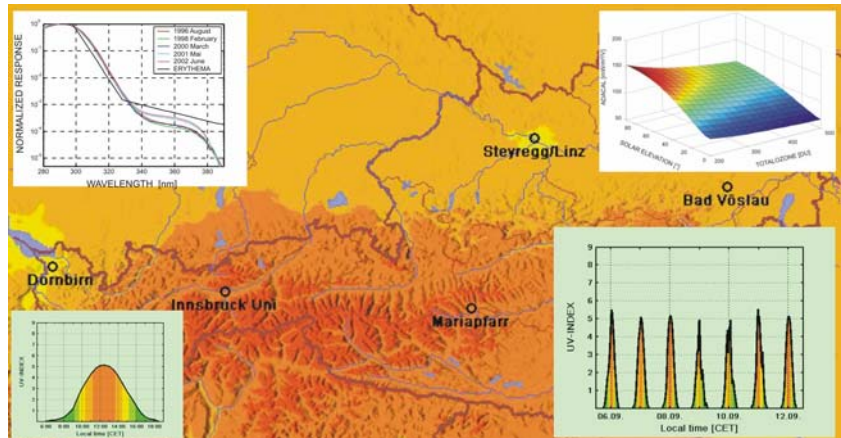


Precision is  
our business



## APPLICATION

The Company CMS and its scientific partner Medical University Innsbruck / Division for Biomedical Physics are maintaining the Austrian UVB monitoring Network ('<http://www.uv-index.at>') by order of the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management.

CMS has developed a software package for analysing and visualisation of the measured UV data of a monitoring Network with a free to configurable amount of detectors. The package includes the presentation of the absolute UV-Index data - online as well as a retrospective. Further more a prognosis of the UV-Index makes it interesting to users. An internal quality control is realised by model calculations.

## SPECIFICATION

Detectors:	Free configurable number of detectors
ERYsoft:	Tool to convert the raw data of a broadband detector to absolute units. It applies the final calibration matrix (depending on solar zenith angle and total ozone) to the raw data.
Total Ozone:	Is taken into account during conversion of the raw data of a broadband detector to absolute units.
Web interface:	Automatic transfer of the UV-index data to the Website
Online data:	yes
Prognosis:	yes
Quality control:	yes

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