takes a picture

RADARgrabber

RADARgrabber is a professional software tool for storing radar images of arbitrary size in PNG format. Radar image files are the basis for web server to provide radar video data in a web application. **RADARgrabber** is able to generate image data directly useable within Google Earth™.
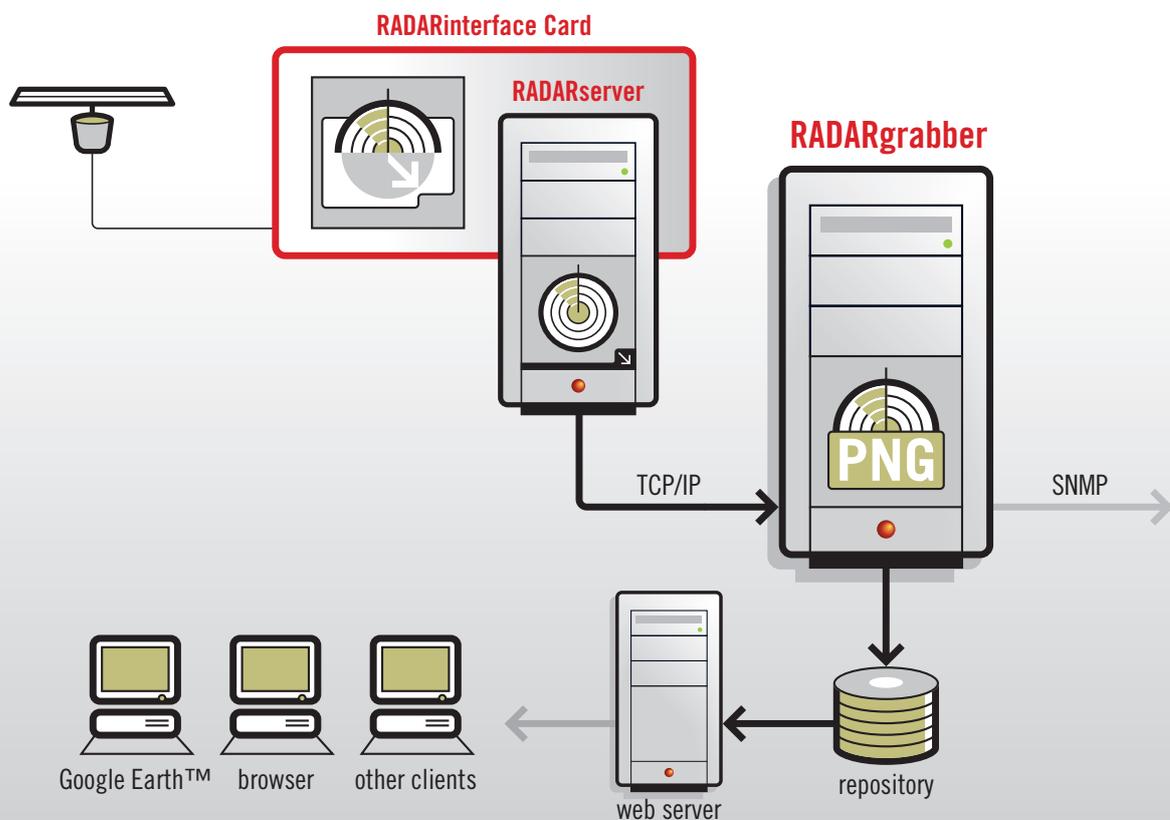Image files from **RADARgrabber** can also be a basis for movies with radar video data.
RADARgrabber receives radar data from RADARserver via TCP/IP, and stores its output in an image repository.

File names are automatically generated including date and time of the snapshot in addition to a constant file name part. Image size is adapted proportionally in x and y direction. **RADARgrabber** works properly in Windows™ or Linux applications.
For easy operation, snapshot interval, image size, centre position, range as well as trail time and radar colours can be selected as desired during runtime or stored in configuration files.
System supervision is provided by SNMP interface.

Sample configuration of RADARgrabber

RADARinterface Card

RADARserver

RADARgrabber

TCP/IP

SNMP

PNG

Google Earth™   browser   other clients

web server

repository

in SIGHT

A product of **innovative navigation**

Radar overlay in Google Earth™

Highlights

- Software radar scan conversion library
- High resolution (e.g. 3000 x 3000 pixel)
- Width-to-height-ratio adapted
- Radar centre position configurable
- Variable snapshot interval
- Radar colours, trail time, radar range adjustable
- Output formats: GIF, transparent PNG
- Automatic generation of images in different resolution for different viewing scales

- Google Earth ™ / Google Maps ™ overlay based on kml
- Automatic division of high resolution images in files of constant pixel dimensions for best download performance
- Plugin capability for client specific output
- Remote administration via SNMP
- Automatic connection management
- Available for Mircosoft Windows XP ™ and Linux

in innovative navigation GmbH

Further information about recent developments of innovative navigation systems can be found on the homepage:
http://www.innovative–navigation.de

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