

## More information on CARPET 2

**The New Version of the Quick and Easy to Use Computer Tool for the Assessment and Design of Surface-Based Radars. Developed at TNO Defence, Security and Safety by Albert G. Huizing and Arne Theil.**

TNO Defence, Security and Safety has decided to celebrate the tenth anniversary of CARPET by releasing a new version: CARPET 2. We expect this program to be as successful as its predecessor of which over 400 copies were sold, worldwide.

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### What's CARPET?

CARPET (Computer Aided Radar Performance Evaluation Tool) is a quick and easy-to-use computer tool for the assessment and design of surface-based (maritime and land-based) radar systems. This comprehensive computer application simplifies the complex task of designing and evaluating radar systems. In order to achieve a radar system that is both efficient and cost effective, it is necessary to conduct a detailed analysis of the radar-environment-target chain. This invaluable software package does exactly that. CARPET considers the entire radar system and its environment, including: transmitter/receiver characteristics, clutter, jamming, antenna, and propagation phenomena. CARPET accurately assesses the effects of radar parameters and environmental conditions on detection probability as a function of target range, velocity or altitude.

CARPET is a valuable timesaver for design engineers at industrial and applied research establishments, military and civil practitioners in the radar field, and students and professors in electrical engineering departments and military academies.

You're invited to download our Demo version 2.

### What's the procedure?

To acquire CARPET 2 do the following:

- 1 Fill-in the order form; or fax a purchase order to +31 70 374 06 54;
- 2 An invoice will be sent to you;
- 3 As soon as the payment is received, instructions to download CARPET 2 plus the pdf Manual will be e-mailed to you.

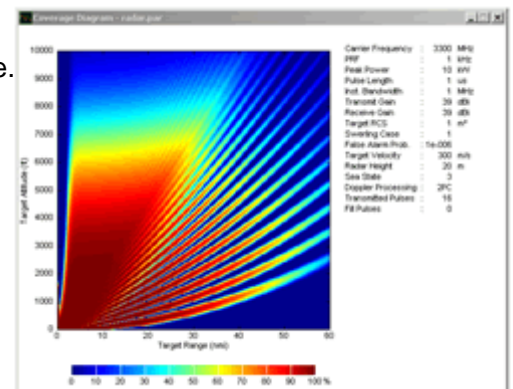
### Prices 2006

CARPET 2 sells for € 350 (VAT excluded), single platform license.

2-5 platforms: 10% discount

6-10 platforms: 20% discount

more then 10 platforms: 30% discount





## **What's new in CARPET**

CARPET 2.0 differs from its predecessor CARPET 1.0 in the following respects:

- 1 CARPET 2.0 is a true Windows application. The graphical user interface is even more intuitive to handle, the graphical output complies with modern colourful demands and several diagrams can remain on the desktop;
- 2 The underlying numerical values of the graphical output can be saved and are thus available for further analyses or processing;
- 3 Settings that are entered in a Worksheet can easily be copied to the main list of settings;
- 4 CARPET 2.0 can import antenna patterns that are specified by the user;
- 5 Minimum and maximum allowable values of certain parameters have been enlarged in order to meet user demands;
- 6 Non SI-units are available: target altitude in feet, range in nautical miles, speed in knots;

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