



Elbit Vision Systems Wins \$1.3 million in Orders For its Surface Inspection Products

Kadima, Israel – April 14, 2008 - Elbit Vision Systems (OTCBB: EVSNF) today announced that it has won a number of orders worth a total of \$1.3 million for automated surface inspection products, all for leading manufacturers. Revenues from these are expected to be recognized in the first half of 2008.

EVS optical surface inspection systems are used for quality inspection in the production of fabrics. They run at high speed and automatically detect defects. The systems provide a strong return on investment for manufacturers by increasing product yield and thereby decreasing costs.

David Gal, CEO and Chairman of the Board, “A large portion of these orders are from customers that have ordered from us in the past. This is very much a demonstration of the value that our products bring to our customers, that they continually return and order updated systems from us. We continue to develop and cultivate long-term relationships with existing and new leading customers, and we look forward to enjoying the fruits of these efforts in the coming quarter’s and years. ”

About Elbit Vision Systems Ltd. (EVS): www.evs-sm.com

EVS offers a broad portfolio of automatic State-of-the-Art Visual and Ultrasonic Inspection Systems for both in-line and off-line applications, and quality monitoring systems used to improve product quality, safety, and increase production efficiency. EVS' systems are used by over 600 customers, many of which are leading global companies. The headquarters, manufacturing and R&D of EVS are all located in Israel. A worldwide Sales and Service network supports markets as well as systems already installed, in Asia, Europe, Africa, Australia and the Americas.

Safe Harbor:

This press release contains forward-looking statements. Such statements are subject to certain risks and uncertainties, such as market acceptance of new products and our ability to execute production on orders, which could cause actual results to differ materially from those in the statements included in this press release. Although EVS believes that the expectations reflected in such forward-looking statements are based on reasonable assumptions, it can give no assurance that its expectations will be achieved. EVS disclaims any intention or obligation to update or revise any forward-looking statements, which speak only as of the date hereof, whether as a result of new information, future events or otherwise. EVS undertakes no obligation to update forward-looking statements to reflect subsequently occurring events or circumstances.

Investor Relations Contact

Ehud Helft / Kenny Green

GK Investor Relations

Tel: (US) 1-866-704-6710

(Int'l) +972-3-607-4717

info@gkir.com

Company Contact

Yaron Menashe, CFO

EVS

Tel: (Int'l) +972-9-8661-601

aron@evs-sm.com

