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Preliminary Results FY 2007

**AVT REPORTS RECORD REVENUES FOR 2007
WITH 40% GROWTH IN SALES REACHING USD 40 MILLION**

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- **First Consolidated Figures Including GMI, Acquired in October 2007, Contributed USD 7.5 Million to AVT's Q4 Income**
 - **23% Increase in Net Income, (excluding GMI)**
 - **145% Increase in Consolidated Order Back Log Reaching USD 23 Million**
 - **AVT R&D (excluding GMI) Up 29% in Advance of DRUPA 2008**
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Hod-Hasharon, Israel, February 4, 2008 – Advanced Vision Technology Ltd. (AVT, Prime Standard of the Frankfurt Stock Exchange, ISIS: IL001837248), the world's leading provider of automatic optical inspection, quality assurance and closed loop color control systems for the printing industry, completed a successful 2007 with 40% increase in revenues to USD 39.9 million compared with USD 28.5 million in 2006. The sharp increase in revenues is partially attributed to the consolidation of GMI's results in Q4 of 2007. GMI was acquired in October 2007 for USD 33.5 million and contributed USD 7.5 million to AVT's Q4 revenues. AVT's revenues for the year (excluding GMI) were up 13.7% over 2006 to USD 32.4 million. The increase in revenues is attributed to the good market conditions, allowing the company to expand its activities in the labels and packaging markets.

The acquisition of Graphics Microsystems Inc (GMI) was closed on October 1, 2007. GMI is the world's premier supplier of closed loop color control (CLC) systems, color management reporting software and remote digital ink fountain control systems to leading commercial printers and press manufacturers worldwide.

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This acquisition signifies the continuing growth of AVT and its ability to move into new markets, with GMI products largely targeted in the commercial, semi-commercial, newspaper and specialty printing markets.

Consolidated revenues from maintenance, service and training increased to USD 4.1 million in 2007. AVT's service revenues (excluding GMI) increased to USD 2.5 million, an increase of 25% over the previous year.

Gross profit increased to USD 23 million up from USD 17.6 million in 2006, up 30%.

AVT's net profit for the year (excluding GMI) totalled USD 6.7 million, up 23% over 2006. GMI's loss in Q4 2007 totalled USD 1.8 million (mostly attributable to USD 2.23 million amortization of acquired intangibles) leading to a net profit of USD 4.82 million compared with USD 5.4 million in 2006. Proforma net profit excluding amortization of intangibles increased to \$7.05 million, up 30.6% over 2006.

As of December 31st, the company had an order back log of USD 23 million, an increase of 145% over 2006. Order back log (excluding GMI) was USD 10.94 million, up 16.5% compared to 2006.

AVT's strategic commitment to investment in R&D is based on the continuous dialogue with industry leaders and press manufacturers to understand their needs. Research and development expenses (excluding GMI) increased to USD 4.5 million in 2007, up 29% over 2006 results (USD 3.5 million). This increase in investment is owed largely to R&D activities as we move towards the industry's most important print trade show, DRUPA, in May 2008.

“The continued growth and success of AVT in 2007 is a reflection of our sustained market focus, extensive R&D, business development activities and acquisitions,” said Shlomo Amir, President and CEO. “We can take encouragement from the complementary technological and marketing strengths delivered by the acquisition of GMI last year. We intend to make every effort to build on technological synergies and to grasp the opportunity to enter new market segments.”

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“It is thus clear to envision the many new channels of opportunity the GMI acquisition represents: new capabilities for our label and packaging automatic inspection platforms, and an open road to new market segments,” continued Shlomo Amir.

“China continues to be a developing market for AVT with distribution agreements signed with Chinese partners. These relationships will support our healthy growth in this market, particularly the label and narrow web segments,” said Shlomo Amir.

“In 2008 we look forward to a number of key international trade shows with stands at both Interpack in April and DRUPA in May. DRUPA, held once every 4 years, will witness the first combined appearance of both AVT and GMI, and we anticipate a busy and successful show,” concluded Shlomo Amir.

About AVT

Advanced Vision Technology develops and manufactures automatic inspection systems for web applications in the packaging, labels, forms and converting sectors. Today, more than 1,700 PrintVision systems are installed worldwide.

Advanced Vision Technology’s headquarters and manufacturing facility is located in Hod-Hasharon, Israel. The company employs 136 people worldwide. AVT is a public company listed in the Prime Standard of the Frankfurt Stock Exchange. The company is based in Israel, with marketing, sales and support offices in the United States, Europe and China. (Website: www.avt-inc.com)

In October 2007, AVT acquired Graphic Microsystems, Inc. (GMI), the world’s premier supplier of closed loop color control systems, color management and reporting software, and remote digital ink fountain control systems. The company’s products are sold to leading commercial, semi-commercial, newspaper and specialty printers in the heatset and coldset web printing markets as well as printing press OEMs worldwide. Today, more than 3000 Microcolour and 750 ColorQuick systems are installed worldwide. The company employs 173 people worldwide. (Website: www.gmicolor.com)

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Safe Harbor Statement

Certain statements in this press release are forward-looking statements. Because such statements deal with future events, they are subject to various risks and uncertainties and actual results could differ materially from our current expectations. Factors that could cause or contribute to such differences include, but are not limited to: the impact on revenues of economic and political uncertainties and weaknesses in various regions of the world, including the commencement or escalation of hostilities or acts of terrorism; any unforeseen developmental or technological difficulties with regard to our products; changes in the competitive landscape, including new competitors or the impact of competitive pricing and products; a shift in demand for products such as ours; unknown factors affecting third parties with which we have formed business alliances; timely availability and customer acceptance of our new and existing products, and other factors and risks discussed in our Annual Report for the year ended December 31, 2007. We assume no obligation to update information concerning our expectations.

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