

Texas Instruments

Canada Pension Plan Investments

2012 shares = \$37 million
(Direct & indirect investments)

2011 shares = \$31 million
(Direct investments only)

Founded in 1951, and perhaps best known for its calculators, this US electronics company was a pioneer in developing countless instruments of war, including “HARM” missiles and the first laser-guided bombs. With current assets of US\$21 billion, Texas Instruments (TI) now focuses on being the world’s third largest semiconductor company and the largest maker of digital signal processors.

Although it sold off its so-called “defense business” to Raytheon for



These Israeli-made unmanned, robotic vehicles with Remotely Operated Weapons Systems, use Texas Instrument-based ‘intelligent video servers’ for surveillance and target tracking.

tute put TI on its top list of the “World’s Most Ethical Companies” in 2011.

TI’s “Defense Systems and Electronics Group” designed the 5,000 pound, laser-guided “bunker buster” Guided Bomb Unit 28 (GBU-28) for use in the 1991 Iraq war. This bomb is now in the inventory of only two countries, the US and Israel. After making a special request to speed the delivery of GBU-28s, Israel received its first shipment of 100 bombs during its war against Lebanon in 2006.

In 1999, TI Israel was formed when TI bought two Israeli high tech firms: Butterfly (US\$50 million) and Libit Signal Processing (US\$330 million).

These firms, like so many other Israeli start ups, were founded by alumni of Israel’s military.

The “TI Developer Network” consists of companies that base their products and services on TI technology. The network includes an Israeli “homeland security” company called Agent Vi, which markets surveillance products based on TI systems. In 2008, it created a software development kit for TI digital media processors, that TI’s worldwide Video Security and Imaging marketing manager said would “aid customers...to create products that are able to monitor and detect activities of people, vehicles and objects.” Agent Vi’s customers include Israel’s military and prison system. (See “Sony,” p.37.)

At least two other Israeli military/“homeland security” firms rely on TI technology for video surveillance products: Mango DSP and ioImage.

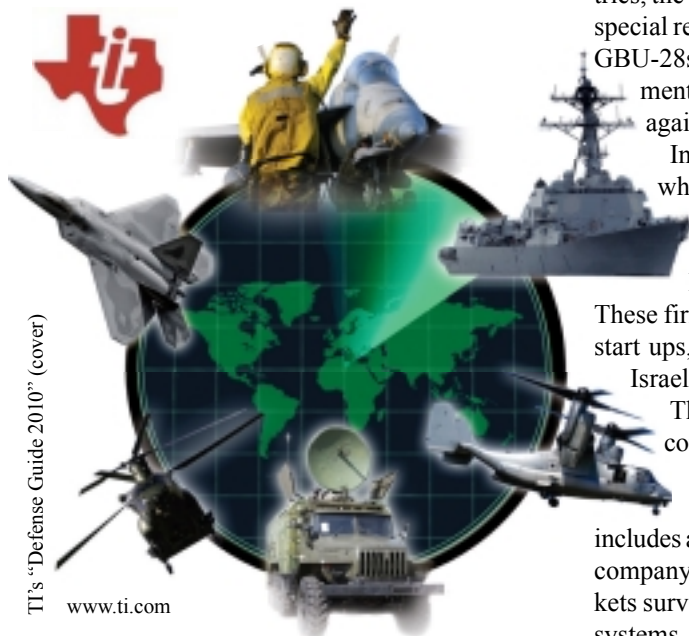
When unveiling its “Pegasus

Embedded Solution” at the “TI Developer Conference” in 2007, Mango said its product would “deliver a comprehensive solution for the unique requirements of the Homeland Security market.” Based on TI’s DaVinci technology, Mango’s Pegasus is an “intelligent video server” that enables a “truly cutting-edge video tracking and face recognition camera system.” Mango’s TI-based system is used in robotic vehicles made by G-NIUS, an Israeli war industry specialising in “Autonomous Unmanned Systems.” Besides deploying Mango’s “intelligent video server,” “Guardium” vehicles fire Remotely Operated Weapons Systems. Guardium duties include “perimeter security, force protection, [and] combat support.”

Mango also worked with TI on the Raven video server which Daniel Peled, Mango’s V.P. of sales, explained: “is a rugged intelligent video command and control system that was originally designed for the Israeli military. We have created a surveillance solution for evolving market needs such as police cars and unmanned devices.”

(For more on Mango, see “Tyco International,” pp.43-44. For more on G-NIUS, see “Kubota,” pp.12-13.)

When unveiling its “revolutionary” “threat detection” technology in 2005 — “run on Texas Instruments, Inc. digital media processors” — ioImage listed its customers as including “military nuclear power plants, nuclear reactors, Israeli Defense Forces [and the] Israeli Parliament.” Sold under the slogan “Always Watching, Always Vigilant, Unrelenting Security,” ioImage calls this TI-based product the “ultimate



TI’s “Defense Guide 2010” (cover)

www.ti.com

US\$2.95 billion in 1997, TI still operates its TI Defense Products Group and the TI High Reliability Defense & Aerospace Group. TI’s 2010 “Defense Guide” is a catalog detailing hundreds of military products, which it sells to the world’s largest institutions of war. For example, between 2000 and 2009, TI landed US\$916-million in contracts from various US military departments and agencies. This represented 99.99% of TI’s contracts with the US federal government during that decade.

Curiously, the Ethisphere Insti-

Toyota Motor Corp.

Canada Pension Plan Investments

2012 shares = \$197 million
(Direct & indirect investments)

2011 shares = \$170 million
(Direct investments only)

video surveillance technology.” MATIMOP, an Israeli government agency that promotes Israeli companies, says ioImage’s “video perimeter protection security system,” has “passed successfully a nine-month testing by the Israeli Defense Forces involving elite commando troops trying to penetrate the system.”

Between 2000 and 2003, TI sold about US\$7.4 million worth of products for AH-64 attack helicopters and F-16 fighter bombers. These contracts were largely for night vision equipment and electrical/electronic hardware, respectively. These two kinds of US military aircraft have been used in Israel’s airstrikes against Lebanon (2006) and Gaza (2008-2009).

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Government Contracts USA Defense Dep’t
www.governmentcontractswon.com

economy,” making him admit guilt for “rejoicing over another country’s war.”

Besides Toyota’s military products, its assembly lines have also been responsible for causing deaths. In discussing the “Karoshi” phenomena, which literally means “death from overwork” in Japanese, labor analyst Sasaki Shozo noted that Toyota “clearly shows” its “attitude of putting top priority on profits rather than safety.”

Police Vehicles

This Toyota business attitude shone through in 2010 when more than 10 million Toyota vehicles were recalled. In Israel, this recall affected about 33,000 vehicles. But Israeli civilians aren’t the only ones driving Toyotas in that country. As *AutoGuide* writer Derek Kreindler pointed out in 2010, the “Israeli Defence Force already uses... the Toyota Hilux pickup for various duties.” This is confirmed by on-line photographic and video evidence which documents that Toyota has been supplying these 4x4 trucks to the Israeli police since the early-1990s. Such evidence also confirms Israeli police use of Toyota’s jeep-like “Land Cruisers” as well, including the LC75 “troopy,” and current use of the Toyota “Corolla.”

For decades, Toyota has been supplying vehicles to Israel’s Police. Here for instance are two Toyota “Hilux” Police trucks.



A Toyota “Hilux” Police truck in 2007 with Jerusalem’s Western Wall and the Dome of the Rock in the background (right).



An Israeli Police Toyota “Land Cruiser,” the “LC75 Troopy” (above), and a Toyota “Corolla” Police cruiser (right)

