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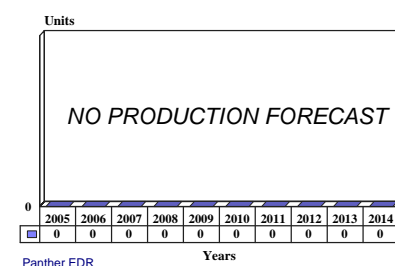
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Panther Enhanced Digital Radio (EDR) - Archived 6/2006

Outlook

- No production is forecast
- As Panther Enhanced Digital Radio information becomes available, Forecast International will analyze and report it

10 Year Unit Production Forecast
2005 - 2014



Orientation

Description. The Panther Enhanced Digital Radio (EDR) is a military radio manufactured by Thales. The Panther EDR is used for battlefield communications. The Panther Enhanced Digital Radio comes in two versions: the Panther P and the Panther V.

Sponsor

Thales

45 rue de Villiers
Paris, France 92526

Web site: <http://www.thalesgroup.com>

Status. In use.

Total Produced. Forecast International estimates that 10,062 Panther Enhanced Digital Radios were produced from 1997 through 2004.

Application. Communications

Price Range. Forecast International estimates the price of a single generic Panther Enhanced Digital Radio to be \$22,000. This dollar amount is highly speculative. To arrive at this price, Forecast International calculated the average price per radio from a 1997 Saudi Arabian contract (worth \$164 million) for the purchase of 7,500 Panther EDR version V radios.

Contractors

Thales, HQ, <http://www.thalesgroup.com>, 45, rue de Villiers, Paris, 92526 France, Tel: + 33 1 57 77 80 00, Fax: + 33 1 57 77 86 59, Prime

Technical Data

The Panther Enhanced Digital Radio (EDR) comes in two versions: the Panther P and the Panther V.

Panther P. The Panther P is a 5-watt man-portable radio. The radio operates in the 30 to 88 MHz

frequency band. The Panther P is designed to be used as a handheld radio or as a mini-man-pack radio.

The Panther P incorporates the latest Digital Signal Processing technology, providing a software-con-

figurable digital architecture radio design. Software upgrades are achieved without the need to open the radio, thus ensuring that future requirements can be met in the field.

The Panther P possesses frequency hopping and encryption capabilities. The Panther P's frequency hopping algorithms are combat-proven and optimized.

The Panther P possesses high-level digital stream cipher-encryption covering all media transmissions.

Panther V. The Panther V is the man-pack and vehicle clip-in version of the Panther P radio. The Panther P operates in the 30 to 108 MHz frequency band. The Panther V provides five or 20 watts of radio frequency power.

Variants/Upgrades

See **Technical Data** section above.

Program Review

In 1997, Saudi Arabia chose the Panther V radio to replace the aging Jaguar V and other tactical radios. The radio order was valued at \$164 million. Also in 1997, Thales signed a \$14.2 million contract with Romania to supply Panther V radios to the country. Romania then contributed the radios to the NATO-led Stabilization Force in Bosnia-Herzegovina.

In March 1998, Thales signed another Panther radio deal, valued at \$14.2 million, with Romania. Almost three years later (January 2001), Thales signed yet

another contract with Romania (valued at \$17 million) to provide Panther EDR sets to the country.

Recent Activity. Public information concerning Thales' Panther Enhanced Digital Radio is sparse. The latest procurement information obtained by Forecast International is an \$18.6 million contract the Romanian Ministry of National Defense awarded Thales in March 2001 to supply the Romanian Armed Forces with Thales' Panther EDR.

Funding

Thales funds the development and production of the Panther Enhanced Digital Radio.

Recent Contracts

No recent contracts have been identified.

Timetable

<u>Month</u>	<u>Year</u>	<u>Major Development</u>
	1997	Saudi Arabia orders Panther V radios
	1997	Romania orders Panther EDRs
Mar	1998	Romania signs a \$14.2 million contract to purchase additional Panther EDRs
Jan	2001	Romania signs a \$17 million contract to procure Panther EDRs
Mar	2001	Romanian Ministry of National Defense awards Thales a contract to supply the Romanian armed forces with the Panther EDR

Worldwide Distribution

Nations identified as having purchased the Panther Enhanced Digital Radio include **Romania**, **Saudi Arabia**, and an unnamed Middle Eastern country.

Forecast Rationale

The Panther Enhanced Digital Radio (EDR) is a military radio manufactured by Thales. The Panther EDR is

used for battlefield communications. The Panther Enhanced Digital Radio comes in two versions: the Panther P and the Panther V.

Public information regarding current sales of Thales' Panther Enhanced Digital Radio is nonexistent.

Consequently, no production of the Panther EDR is forecast. As soon as Panther EDR sales information becomes available, Forecast International will analyze and report it.

Ten-Year Outlook

No production is forecast; therefore, there is no production chart.

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