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Product Brief
New flexible DECT handset portfolio for enterprise mobility

Nortel's integrated DECT portfolio is a wireless, in-building, private communications system ideal for on-site employees who either spend a large proportion of their time away from their desks or are perhaps without a dedicated office space.

The new handset portfolio is compatible with Nortel Communication Server 1000 and Meridian 1 PBX; its various features and accessories facilitate operation in a wide range of business environments.

The new DECT handsets are ergonomically designed, easy to use, lightweight, pocket-sized and cost-effective enterprise wireless phones. Moreover, it keeps you in constant communication wherever you happen to be on-site. The display illuminates, allowing the handset to be used in poorly lit conditions and the internal loudspeaker enables handsfree operation with excellent sound quality.

Both the **4060** top-of-the-range handset and the **4025** mid-range handset are wireless handsets ideal for on-site employees who are highly mobile and need a versatile handset.

The **4145Ex** is an Intrinsically Safe handset for use in the chemical, oil and similar industries where potentially explosive gases may be present. It is made to endure tough environments.

The **4065R** handset is a Rugged set specifically designed for use in manufacturing and warehousing and other industrial applications. It includes a "Man-down" alarm function and SOS key.

Benefits

> **No additional** phone charges: no line-rental nor air-time charges

> **Same rate** for external calls as from normal wired phones

> **Free** internal calls

> **Reduced** phone bills: more calls answered directly and fewer returned calls necessary

> **Flexible** to specific company requirements

> **Increased** productivity as business decisions can be made anywhere on-site by using the DECT handset

Nortel DECT handset portfolio

4025 DECT
Handset

4060 DECT
Handset

4145Ex DECT
Intrinsically
Safe
Handset

4065R DECT
Rugged
Handset

Nortel DECT handset features and characteristics

Feature/handset	DECT 4060	DECT 4025	DECT 4145Ex	DECT 4065R
Type	Top-of-the-range	Mid-range	Intrinsically Safe	Industrial/ruggedised with SOS key and "Man-down" alarm

Large alphanumeric display	• 16 characters
	• 5 lines
	• 1 icon
	• 3 text and
	  1 soft keys
		• 16 characters
		• 3 lines
		• 1 icon
		• 2 text keys
			• 16 characters
			• 4 lines
			• 1 icon
			• 3 text keys
				• 16 characters
				• 5 lines
				• 1 icon
				• 3 text and
				  1 soft keys

Visual voicemail and fax message waiting indication on handset with Nortel CallPilot	✓	✓	✓	✓
Supports DECT messaging	✓	N/A	✓	✓
Built-in alerts for incoming calls	Including vibrating	✓	✓	Including vibrating
Calling line ID and calling party name display for effective screening	✓	✓	✓	✓
Name/number directory, including search facility	100	50	80	100
Pre-dial and number edit capability	✓	✓	✓	✓
Last number redial and caller list including dial-back	20 numbers	10 numbers	10 numbers	30 numbers
Electroluminescent backlight	Backlit	Backlit	Backlit	Backlit
High-quality handsfree functionality even whilst charging	✓	✓	N/A	N/A
Supports Nortel Communication Server 1000 and Meridian 1 features: Conference, Call Transfer, Call Hold, Call Pick-up, Call Park/Retrieve, Handset Twinning, Network Roaming	✓	✓	✓	✓
Microphone mute for privacy and reduced ambient noise	✓	✓	✓	✓
Extended battery life	15 hours/200 standby	20 hours/200 standby	15 hours/150 standby	7 hours/100 standby
Keypad locks for security and prevention of accidental dialing	✓	✓	✓	✓
User-selectable languages	English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish, Danish, Norwegian and Finnish	English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish, Danish, Norwegian and Finnish	English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish and Danish	English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish, Danish, Norwegian and Finnish

Nortel DECT handset accessories

The new DECT handsets are complemented by a range of optional accessories. This allows different users to have different handset types depending on the features they need.

Belt clip	A removable swivel belt clip makes the handset easy to carry and easily accessible. The handset can be used with or without the clip, which is included in its package.
Safety/Easy clip	The compact clip slides over a belt or pocket, where it will retain it in a fixed position. It prevents the handset from dropping when carried — 4020/4060.
Carrying case	The carrying case with integral belt clip provides additional comfort and protection while wearing the handset. It provides an alternative to the standard belt clip delivered with the handset.
Desktop charger	The standard desktop charger charges handsets. It has an elegant design and comes with an AC/DC mains adapter.
Charger rack	The charger rack provides a multi-charging option for up to eight handsets simultaneously. The charger rack is suitable for wall mounting and can "mix and match" with other handsets. The multi-charger comes with an AC/DC mains adapter.

Nortel DECT handset technical details

Feature/handset	DECT 4060	DECT 4025	DECT 4145Ex	DECT 4065R
Complies with	ETU E.161, ETS300 329, ETS300 400, CTR 6, CTR 10, CTR 22 (DECT GAP compatible)	ETU E.161, ETS300 329, ETS300 400, CTR 6, CTR 10, CTR 22 (DECT GAP compatible)	ATEX approved for Europe; IEC approval for other regions. EN 50014, EN 50020, EN 50281-1-1, EN 60529, IEC 60079-0 and IEC 60079-11	ETU E.161, ETS300 329, ETS300 400, CTR 6, CTR 10, CTR 22 (DECT GAP compatible)
Operating frequency	1880-1990 MHz, 250 mW max transmitter output power	1880-1990 MHz, 250 mW max transmitter output power	1880-1990 Mhz, 250 mW max transmitter output power	1880-1990 MHz, 250 mW max transmitter output power
Battery	15 hours talk time/200 hours standby time	20 hours talk time/200 hours standby time	15 hours talk time/150 hours standby time	7 hours talk time/ 100 hours standby
Battery type	700 mAH NiMH battery	3 x standard AAA 850 mAH NiMH battery	N0024967 only	NiMH 3.6V 650MaH
Operating temperature	0°C to 45°C	0°C to 45°C	• 0-40°C • IP54 water and dust resistant • Air pressure: normal atmosphere condition	• -10°C to 45°C • IP54 water and dust resistance • Air pressure: normal atmosphere condition
Dimensions	143 x 51 x 26 mm	146 x 53 x 28 mm	148 x 50 x 28 mm	138 x 47 x 21 mm
Weight	140 g	140 g	130 g	115 g

The handset portfolio is compatible with Nortel Communication Server 1000, Meridian 1 PBX.

Nortel is a recognized leader in delivering communications capabilities that enhance the human experience, ignite and power global commerce, and secure and protect the world's most critical information. Serving both service provider and enterprise customers, Nortel delivers innovative technology solutions encompassing end-to-end broadband, Voice over IP, multimedia services and applications, and wireless broadband designed to help people solve the world's greatest challenges. Nortel does business in more than 150 countries. For more information, visit Nortel on the Web at **www.nortel.com**.

For more information, contact your Nortel representative, or call 1-800-4 NORTEL or 1-800-466-7835 from anywhere in North America.

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