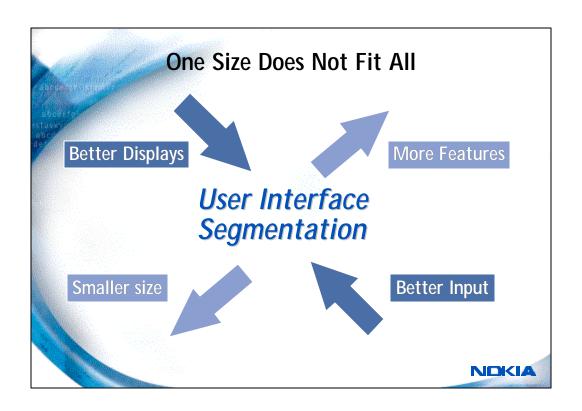
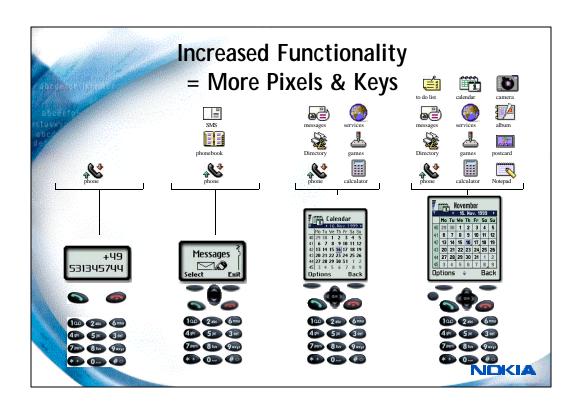
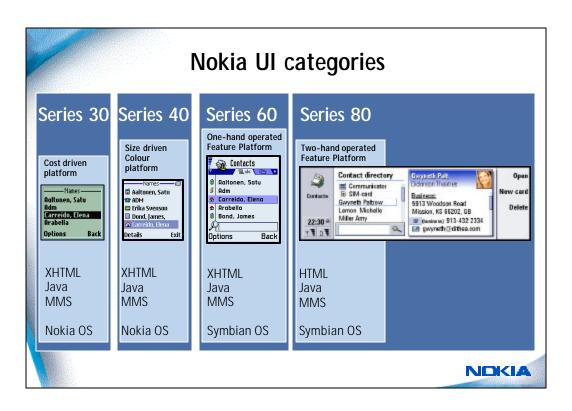




		vices tornado ha	аррен
Key user benefits	Mobile, real time, life enhancing, easy and familiar to use, fun, and fast		
Key applications	Messaging and email	Games and personalisation	Web content and downloads
Key function	Content transport and messaging	Downloadable applications	Content search and access
Key technologies	MMS	Java	XHTML
Common transport	From WAP/WSP to WAP NG (TCP/IP)		







Consumption Led Changes

HOW WILL I BE ENABLED?

- Don't tell me about the technology!
- What I want to know is what can I do with it?

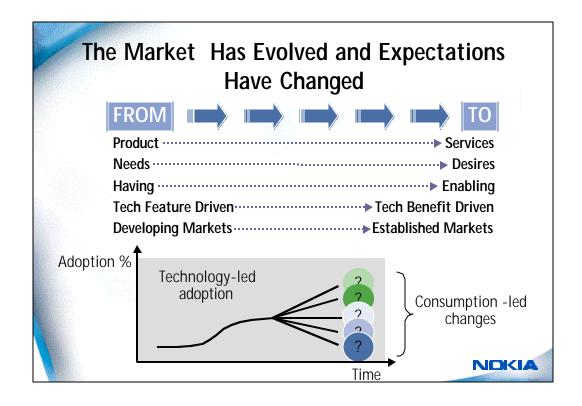
HOW IS THIS BENEFIT RELEVANT?

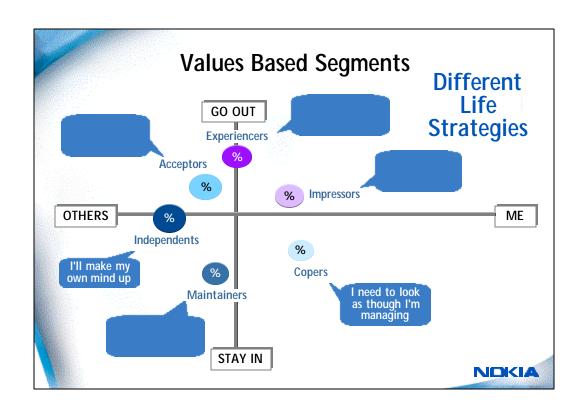
- ... to me as a working mother?
- ... to me in my social circle?
- ... to me in my active lifestyle?
- ... to me in my career?

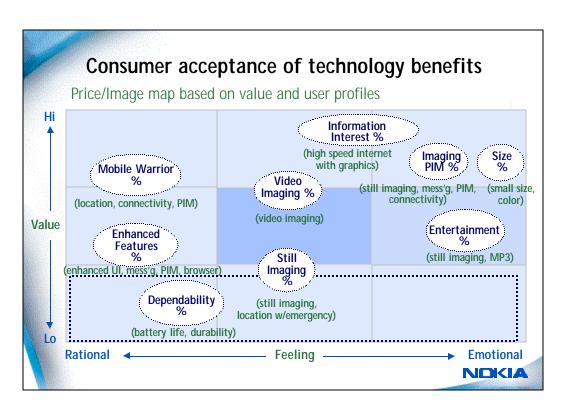


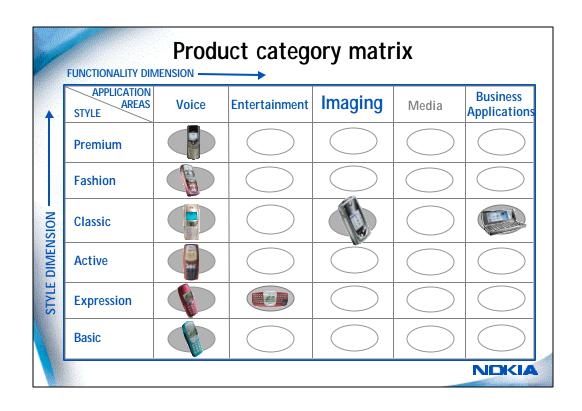
A need to take a **HOLISTIC** view of the consumer and a new approach to segmenting & targeting permitted by the consumer.

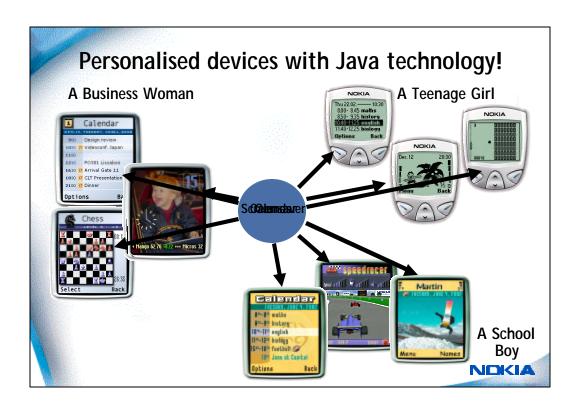
NOKIA

















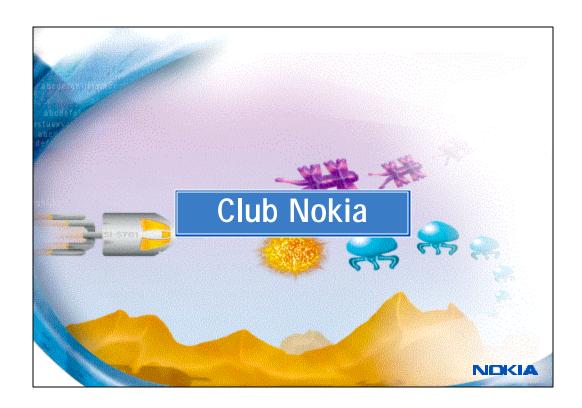




Nokia's first GSM/GPRS/WCDMA is Imaging Phone

- Big color display with Graphical User Interface
- Integrated Digital Camera & picture storing, viewing and transfer
- GSM900/1800, GPRS, HSCSD & WCDMA
- MMS, Java, xHTML, SyncML, MIDI, Bluetooth
- Available in H2-2002
- Data speeds 64-128 kbits





New Digital Mobile Services market

- From one application to multiple applications,
- From single brand to multiple brands
- Applications are segmented
- Content goes digital, new delivery mechanisms evolve
 - New combinations of brands, new brands
- Some applications are terminal specific, e.g. imaging



- New business models emerge in the field of content distribution.
- Terminal features extend to services and the functionality is required from day one.
- Operators provide access, trust, billing and security for the new services

Mobile operators will become *The Portals* for mobile digital services



Operator

Termina

vendor

provider

Club Nokia accelerates mobile services offering

- Close to 50 co-operation agreements with operators so far
- Club
- Practical implementation in H1-2002
- 4W-drive: win-win-win business model:
 - convenient and easy-to-use service for the consumer, services available from day one
 - more traffic and a wide service offering for operators
 - easy and trusted way for content players to reach the mobile customers
 - increased loyalty for Nokia phone users, a new revenue opportunity
- Incremental profit share split is based on case-by-case analysis depending on Brand strength and value added by each partner





