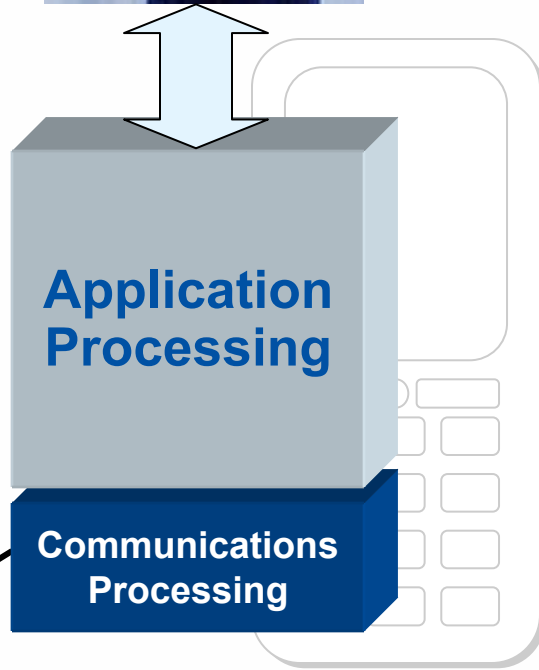
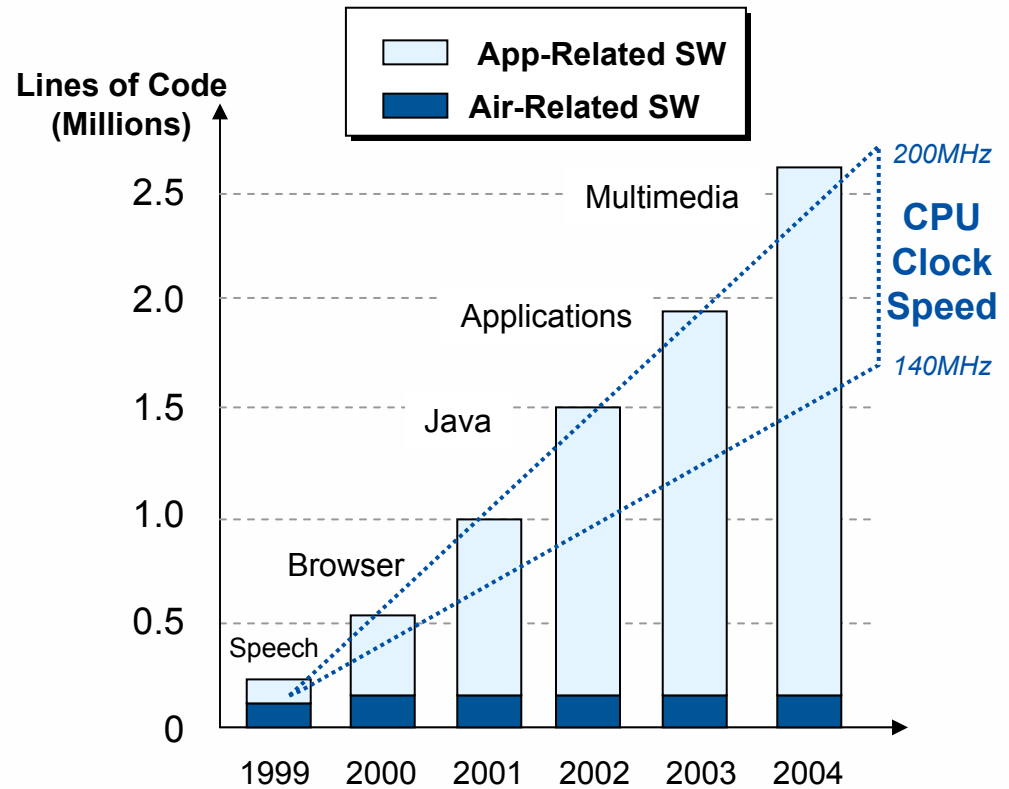


The Software Explosion Problem

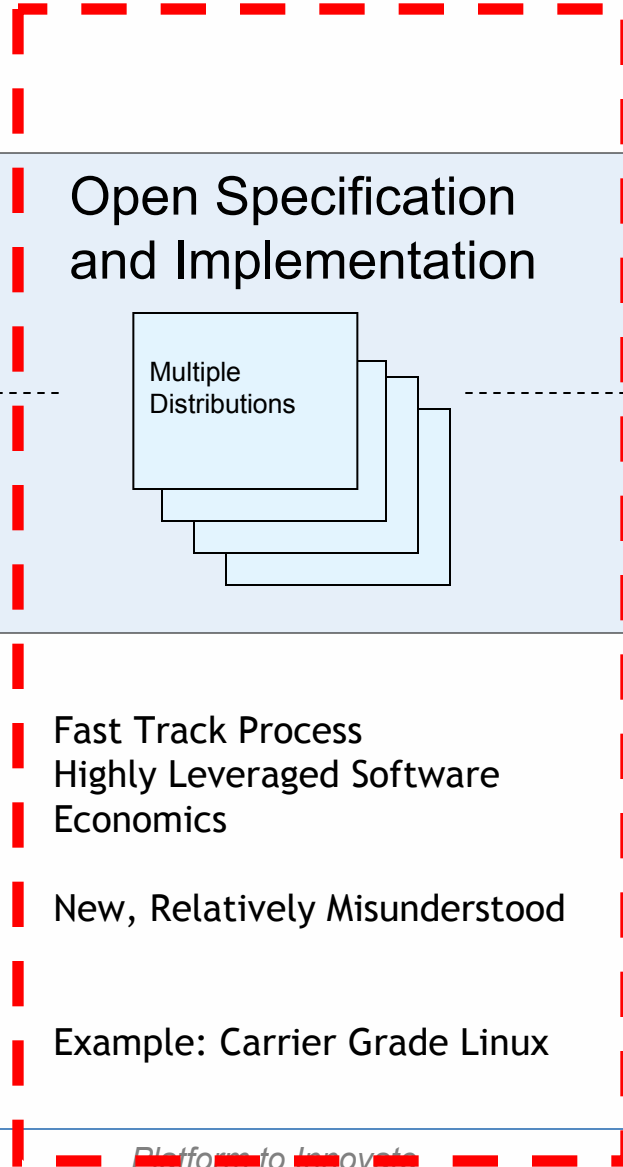


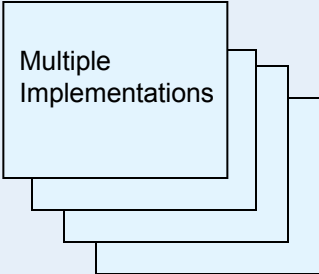
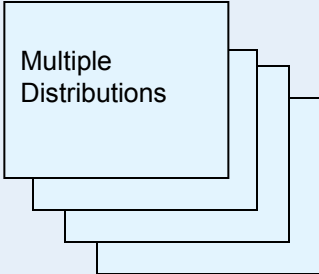

Handsets have become full clients.



An Open Source Approach

New



Open Specification	Open Specification and Implementation	Closed Specification
 <p>Multiple Implementations</p> <p>Time Consuming High Cost of Multiple Implementations</p> <p>Well Understood Successful Model</p> <p>Example: OMTF</p>	 <p>Multiple Distributions</p> <p>Fast Track Process Highly Leveraged Software Economics</p> <p>New, Relatively Misunderstood</p> <p>Example: Carrier Grade Linux</p>	 <p>Single Implementation</p> <p>Single Vendor Dependent Potentially Monopolistic High Cost</p> <p>De Facto Standardization</p> <p>Example: Symbian, Microsoft</p>

A Success Story -- Carrier Grade Linux

2003: Carrier Grade Edition released

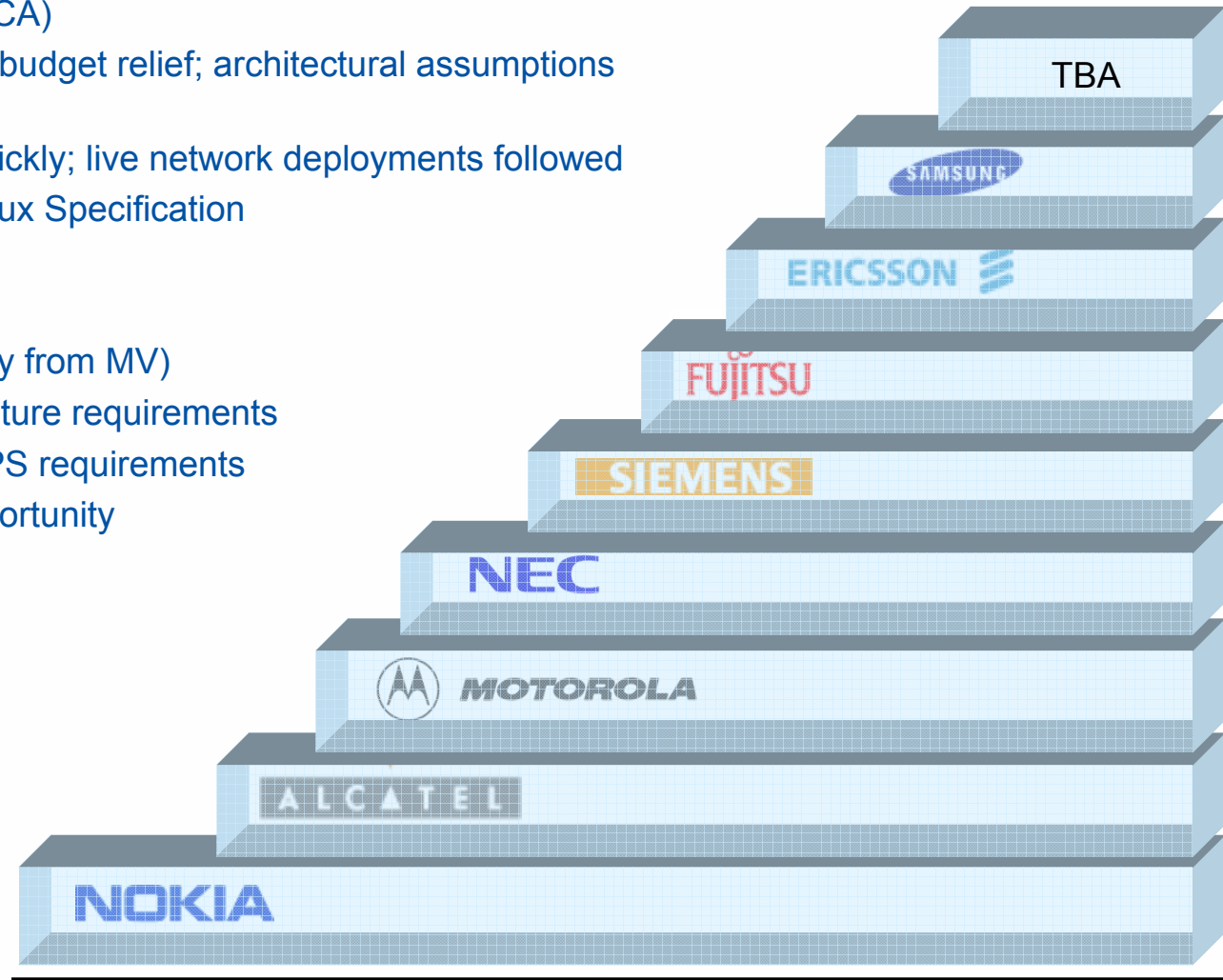
- ◆ Intel-backed project (ATCA)
- ◆ Telco's "post-implosion" budget relief; architectural assumptions revisited
- ◆ Pilot projects ramped quickly; live network deployments followed
- ◆ OSDL Carrier-Grade Linux Specification

What We Learned

- ◆ 99.999% availability (only from MV)
- ◆ Many carrier-specific feature requirements
- ◆ Radical support load & PS requirements
- ◆ Phenomenal growth opportunity



montavista linux
Carrier Grade Edition



2003

2004