

IBMCAMPUS ATM Switching Solutions



...building the new fabric for network computing

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IBM.....CAMPUS ATM Switching Solutions

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s in 5 FILES, all .PRE format, for	
Part 1 of "INTRO , STRATEGY"	839K
Part 2 of "INTRO, STRATEGY"	1080K
SVN CAMPUS	505K
MSS "simplified"	1040K
MSS 2.0 component Summary	166K
	s in 5 FILES, all .PRE format, for Part 1 of "INTRO , STRATEGY" Part 2 of "INTRO, STRATEGY" SVN CAMPUS MSS "simplified" MSS 2.0 component Summary



97 pages



depending upon the various audiences, and timing constraints there are 3 "sizes" or "formats" for this presentation...

- 1. EXECUTIVE (or Strategy) OVERVIEW
 pages marked ##

 45 minutes , 12 pages
 2. BUSINESS PARTNER "Key Issues" Review
 pages marked &&

 120 minutes , 39 pages
 39 pages
 39 pages
- 3. <u>BUSINESS PARTNER</u>, <u>CLIENT Review</u> 200 minutes , 97 pages

it is on the following WEB site.... www.networking.ibm.com/ntm/ntmenter.html

(Insider Access, Competitive Information)

its author is ...

(despite 50%+ content being "borrowed" from many others !!) GRAHAM CLARKE Worldwide Market Support Networking Hardware Division Research Triangle Park, NC, USA ggclarke@us.ibm.com (919) 486-2352

The intent and objective of this presentation is to take many of the concepts and issues of ATM, High-Speed Campus Networking, IBM's Switched Virtual Networking, and MSS strategy, and turn them into EXTREMELY SIMPLE IDEAS and STRUCTURES that will help our MARKETING and BUSINESS PARTNERS understand them better. Its design point is to be NON-TECHNICAL,,in fact, goes to a great extent to de-mystify what has probably been presented many times before at much too technical a level. The strength of IBM's solution is often lost in its perceived complexity. "To have the best technology" is not enough IF NOBODY can EXPLAIN it in SIMPLE TERMS......this attempts to solve that challenge.



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<u>AGENDA</u>

- 1. Current Networking Issues
 - Campus Legacy LAN Challenges
 - IBM 's Solution Strategies
 - (IBM WAN / Datacentre Access Summary)
- 2. IBM's Switched Virtual Networking (SVN)
 - Campus Directions for HIGH SPEED Networking
 - Legacy LAN Access with ATM performance
- 3. IBM's Multiprotocol Switched Services (MSS)
 - Simplifying MSS's STRENGTH
 - "Layer 3 SWITCHING"
- 4. MSS Version 2.X



3. FACILITATE e-COMMERCE



Cause and Effect

Business drivers

Re-centralization of information Shift to electronic delivery



(9/96)



Mega-trends: Applications





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- Higher bandwidth is both available and affordable
 - Advanced technologies
 - Deregulation
- The continuing price/performance disparity of WAN and campus impacts:
 - Application deployment
 - Placement of function
- Effective bandwidth management continues to offer great value for all types of networks





Different Strategies





Today's Dominant Network Models



Emerging Campus Network Models



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