Electronic Data Interchange

The Application-to-Application Exchange of Intercompany Business Data in Standard Formats

NOTES:	
JJ88-VW1-1	



Varieties of EDI

Mainline -

Purchasing Logistics EFT + Data

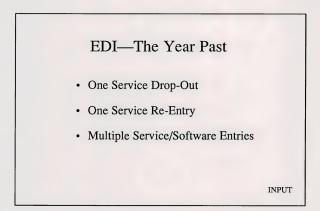
EMCS/ECS - Medical Claims

Interface -

Insurance

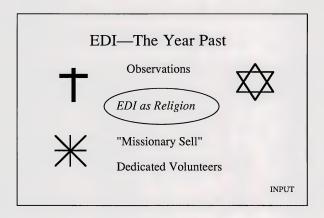
NOTES:			
JJ88-VW1-2			





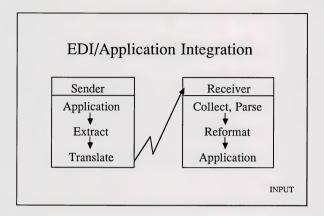
NOTES:	
JJ88-VW1-3	





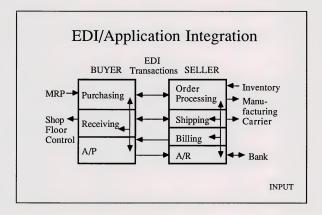
NOTES:	
JJ88-VW1-4	















EDI Stimulated Development

\$44 K (\$3,000-\$250,000)

10 Months (2 Weeks-3 Years)

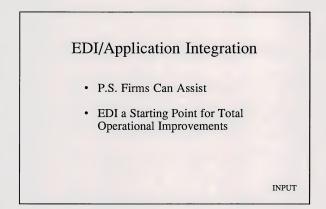
NOTES:	
JJ88-VW1-7	





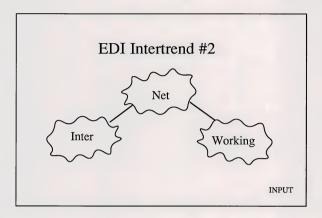
NOTES:	
JJ88-VW1-8	





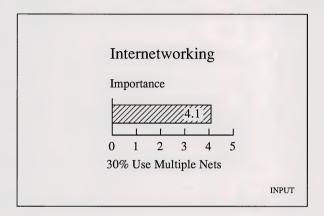
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JJ88-VW1-9	





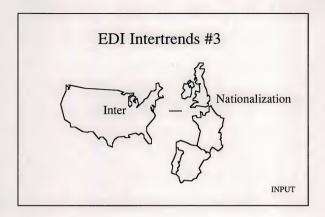
NOTES:		
JJ88-VW1-10		





NOTES:	
JJ88-VW1-11	





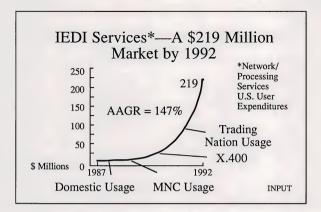
NOTES:		
JJ88-VW1-12		





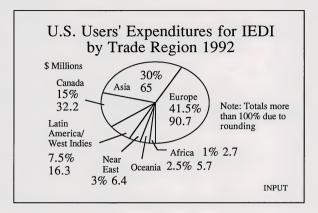
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JJ88-VW1-13			





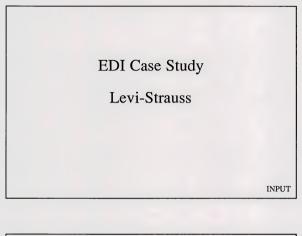






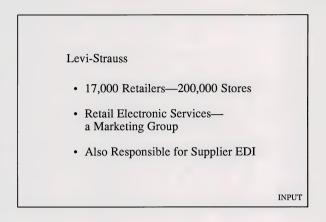
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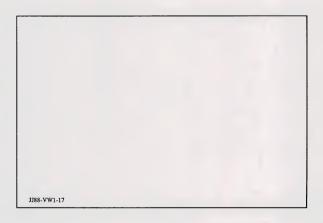




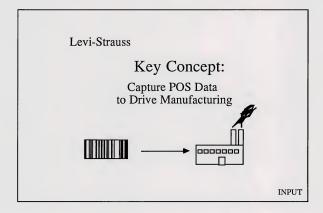
JJ88-VW1-16





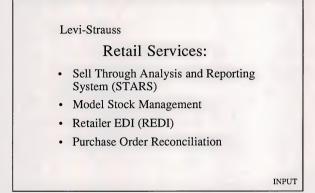


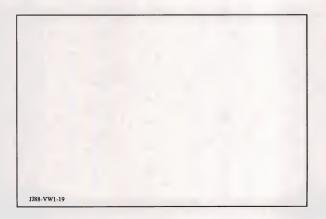




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JJ88-VW1-18	

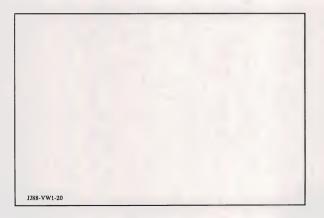




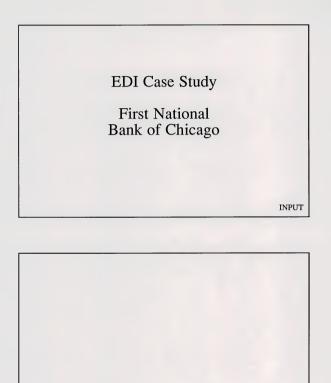






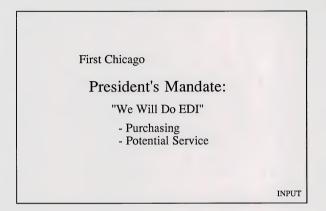






JJ88-VW1-21

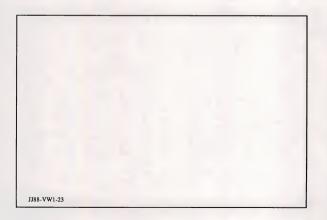
















Cost Benefit Analysis (1985):

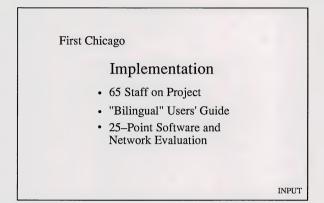
Would Cost More-Not Less

Dual SystemsBut Costs have Moderated

INPUT



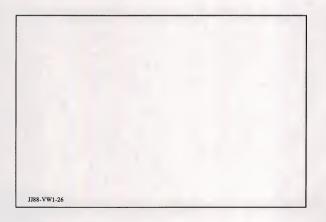




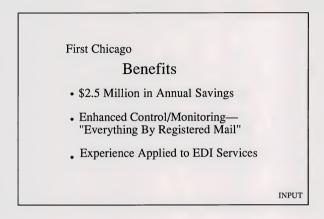


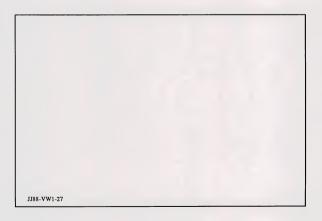


Fi	rst Chicag	go Transactions	5	
		Electronic	Paper 1	
	1986	1,200	1 million	
	1987	4,800		
	1988	20,000	50,000	
				INPUT

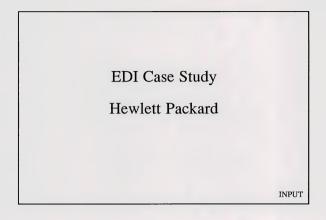






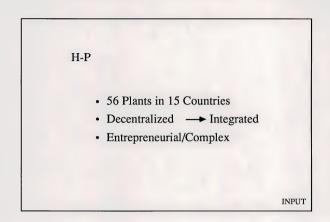


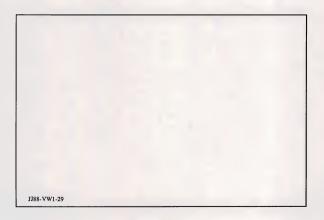














H-P

EDI Approach

Steering Committee -Policies

EDI Central

Business Units

-Technical

-Unit Interfaces

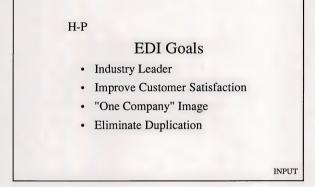
-Implementation

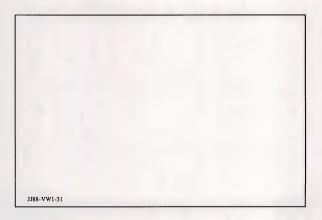
Partner Relations

INPUT

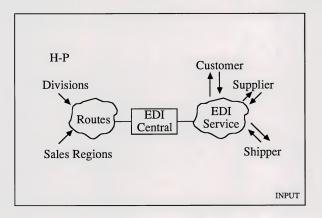
JJ88-VW1-30

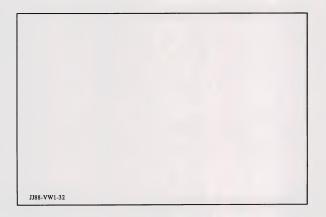




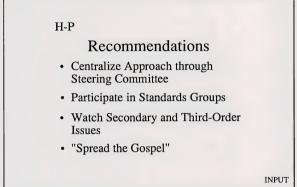






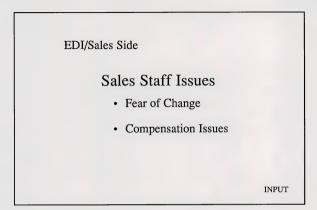






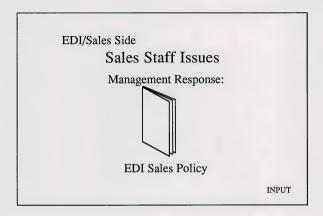
JJ88-VW1-33





NOTES:	
JJ88-VW1-34	

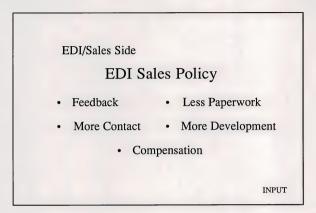




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JJ88-VW1-35	

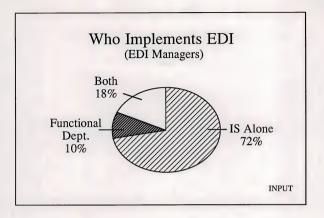
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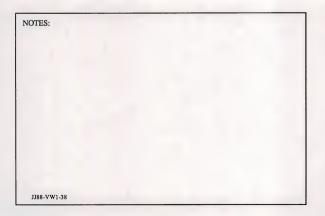




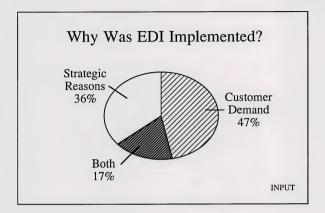
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JJ88-VW1-36	

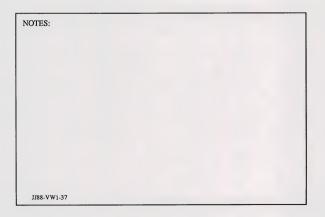




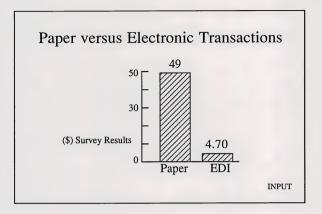


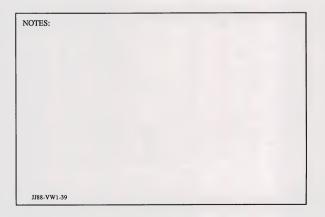




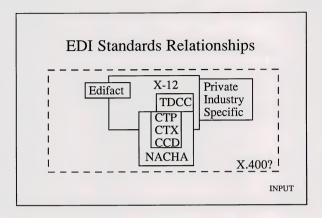






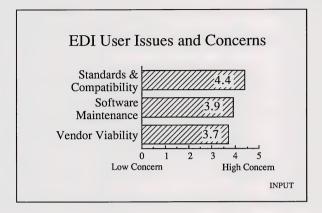


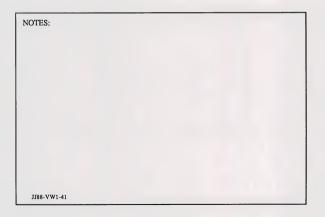




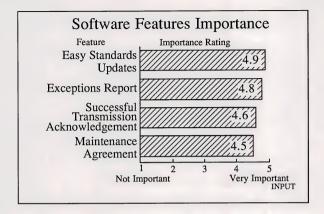
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JJ88-VW-40		





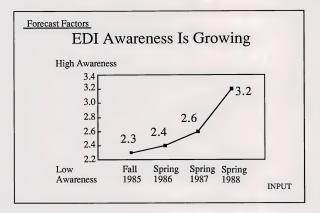


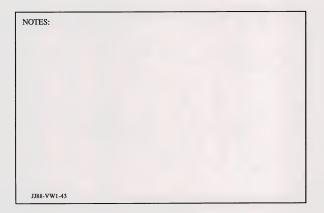




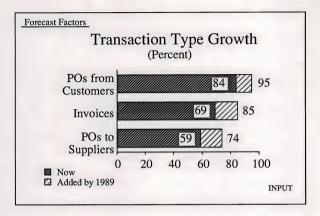
NOTES:		~	
JJ88-VW1-42			





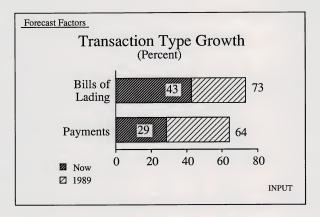


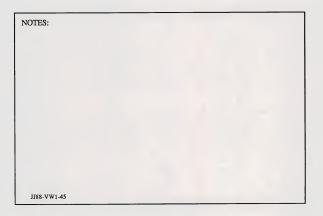




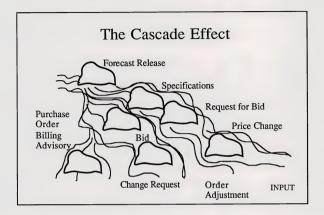
NOTES:		
JJ88-VW1-44		





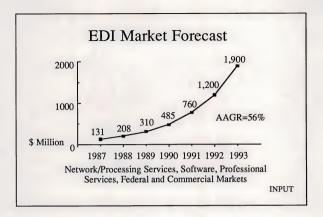


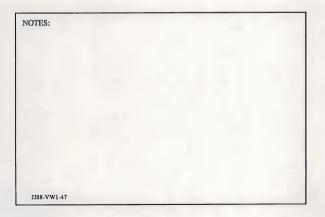


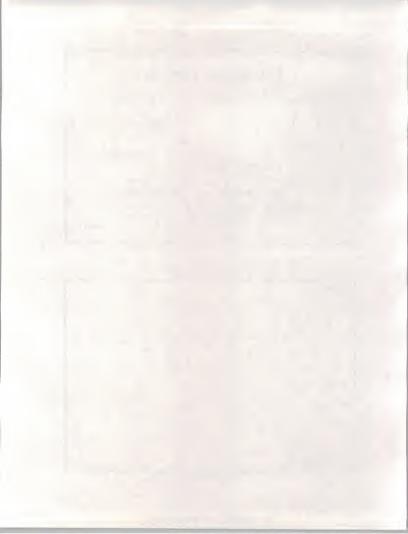


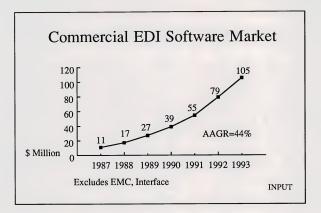
NOTES:	
JJ88-VW1-46	

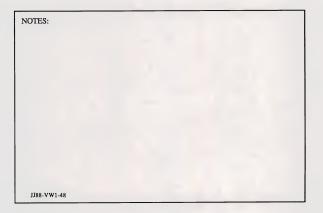










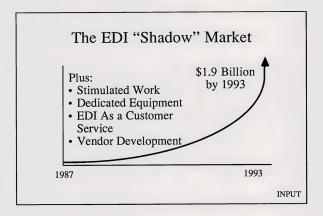


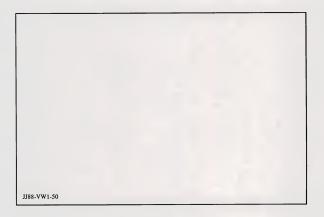




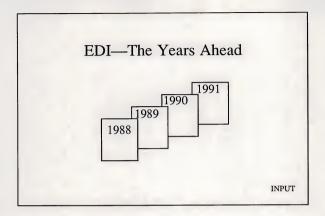
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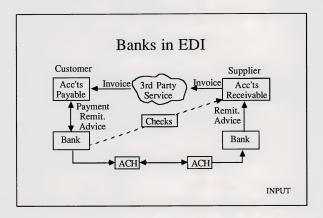


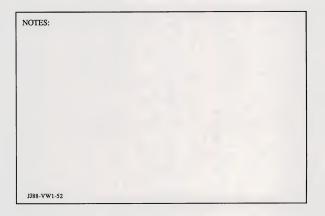




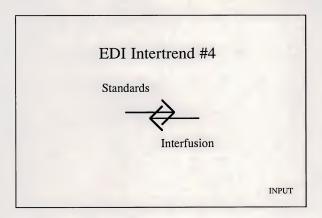
NOTES:		
JJ88-VW1-51		











-



EDI-The Year(s) Ahead

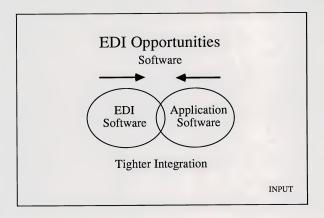
Services-New Entrants

- ADP
 BOCs
 BOCs
 EDS

"Secondary" Players Find Niches

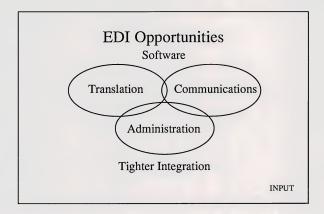
NOTES:	
JJ88-VW1-54	





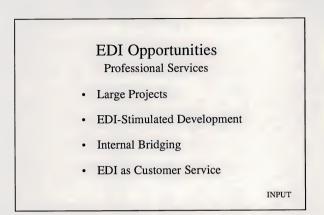
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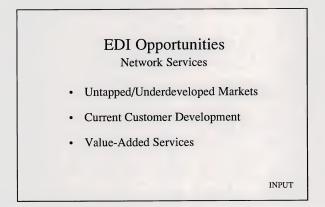
NOTES:	
JJ88-VW1-56	





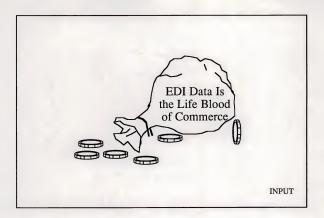
NOTES:		
:		
JJ88-VW1-57		





NOTES:	
JJ88-VW1-58	





NOTES: JJ88-VW1-59



INPUT

Electronic Data Interchange

Victor Wheatman Manager, EDI Program

INPUT



Electronic Data Interchange

Victor Wheatman Manager, EDI Program (NPVT



Electronic Data Interchange

The Application-to-Application Exchange of Intercompany Business Data in Standard Formats

INPUT

12.5			
ECON-VW	7-6		

NOTES:

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Varieties of EDI

Mainline -

Purchasing Logistics EFT + Data

EMCS/ECS -

Medical Claims

Interface -

Insurance

NOTES:	
ECON-VW-7	



EDI-The Year Past

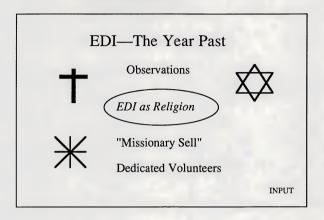
- One Service Drop-Out
- One Service Re-Entry
- Multiple Service/Software Entries

INPUT

NOTES:		
		12
ECON-VW-1a		

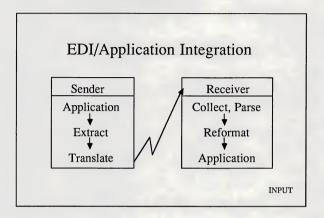
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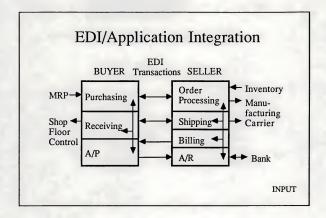






INPUT





NOTES: ECON-VW-10

10



EDI Stimulated Development

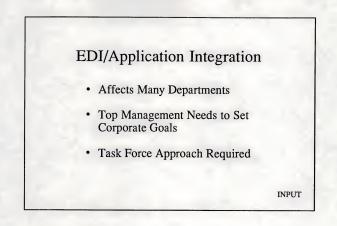
\$44 K (\$3,000-\$250,000)

10 Months (2 Weeks-3 Years)

NOTES:	1
1.1.1	1.5
2	-
1.00	
ECON-VW-11	

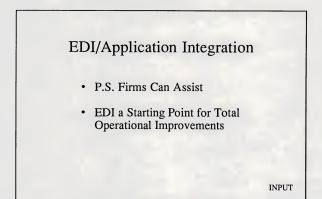
11 INPUT





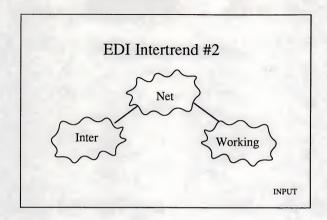
NOTES:
and the second sec
ECON-VW-12





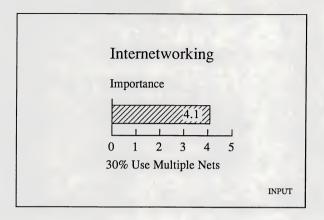
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ECON-VW-12a	





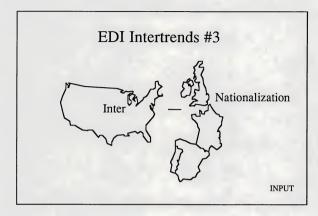
NOTES:		
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100		-
ECON-VW-16		







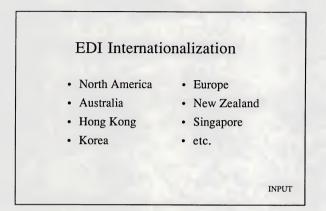




NOTES: ECON-VW-23

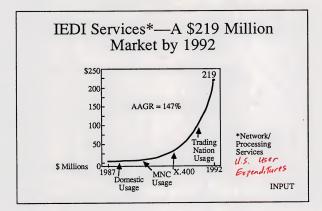
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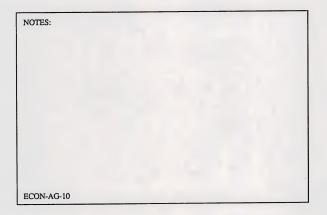




ECON-VW-24	



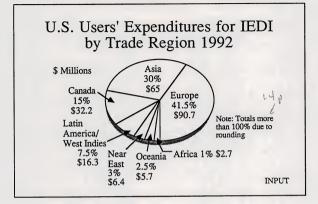




14



remove \$ make = =



NOTES:		
		_
ECON-AG-28		

15

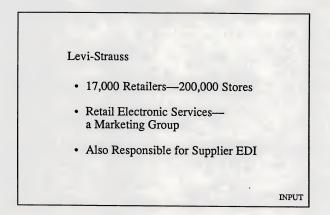


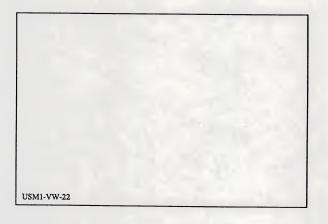
EDI CASE STUDY

LEVI-STRAUSS

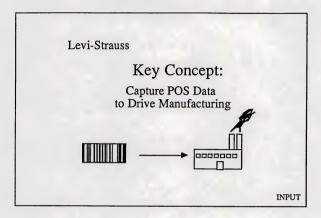
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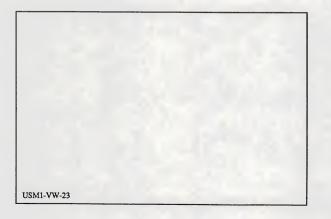














Levi-Strauss

Retail Services:

- Sell Through Analysis and Reporting System (STARS)
- Model Stock Management
- Retailer EDI (REDI)
- Purchase Order Reconciliation

INPUT

USM1-VW-24

9



Levi-Strauss

Benefits:

- Improved Turns
- Fewer Stock Outs
- Enhanced Retailer Relations

INPUT

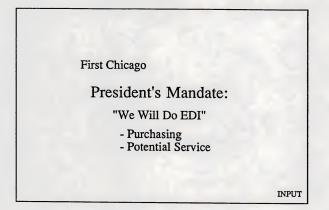


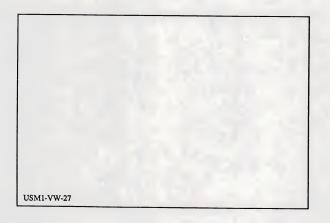
EDI CASE STUDY

FIRST NATIONAL BANK OF CHICAGO

INPUT









First Chicago

1985: No Supplier Was Ready

So: Loaned Software Underwrote Costs Free Training & Installation





First Chicago

Cost Benefit Analysis (1985):

Would Cost More-Not Less

Dual SystemsBut Costs have Moderated

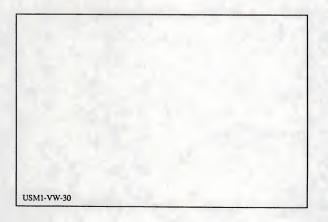
INPUT



First Chicago

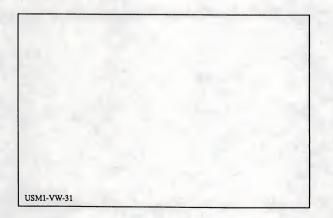
Implementation

- 65 Staff on Project
- "Bilingual" Users' Guide
- 25–Point Software and Network Evaluation

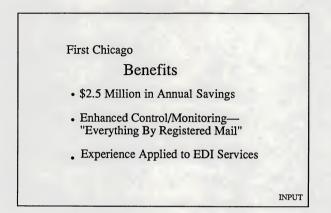


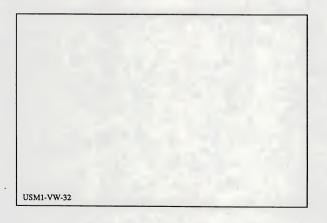


	Transaction	5
	Electronic	Paper
1986	1,200	1 million
1987	4,800	
1988	20,000	50,000



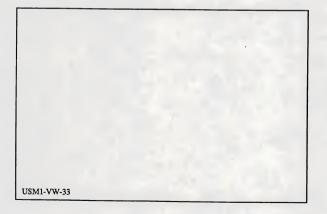




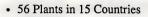




EDI CASE STUDY HEWLETT PACKARD







H-P

- Decentralized —> Integrated
- Entrepreneurial/Complex

USM1-VW-34	



H-P

EDI Approach

Steering Committee EDI Central Business Units

-Policies -Technical -Unit Interfaces -Implementation Partner Relations

• •

INPUT

USM1-VW-35

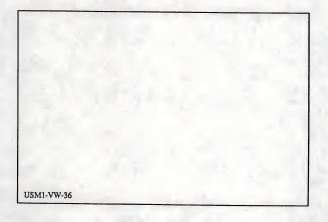




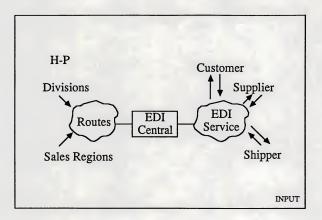
Industry Leader •

H-P

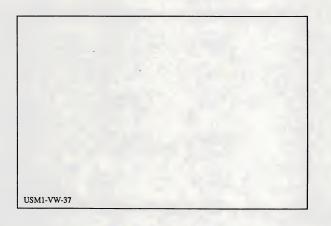
- Improve Customer Satsifaction •
- "One Company" Image ٠
- **Eliminate Duplication**



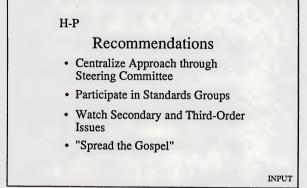


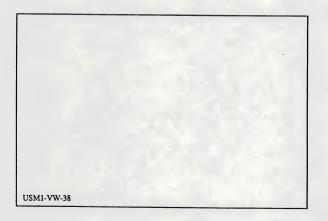


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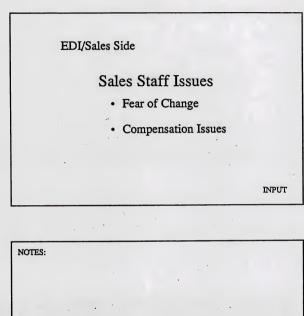




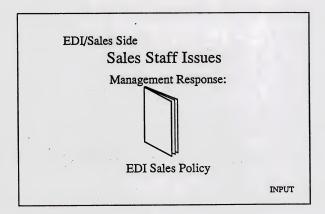








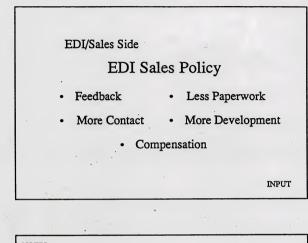




NOTES:		
EQAD-GE-4		

35

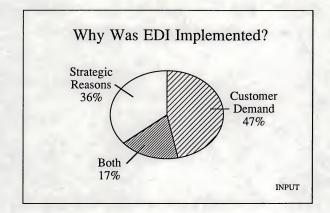


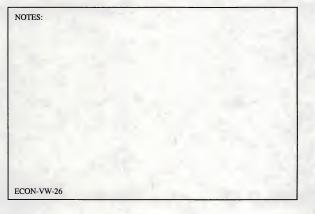


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а.		
EQAD-GE-5	 	

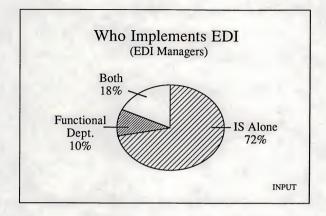
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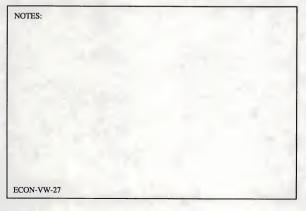






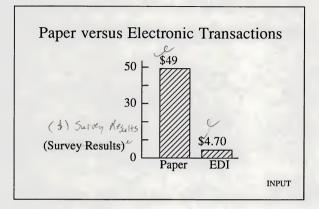






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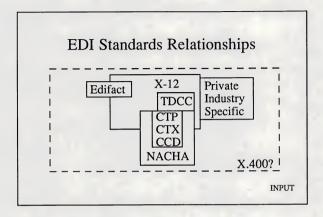




NOTES: ECON-VW-28

39

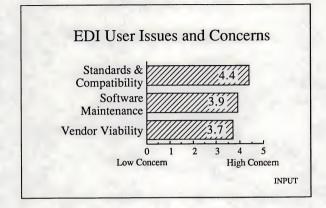




NOTES: ECON-VW-29

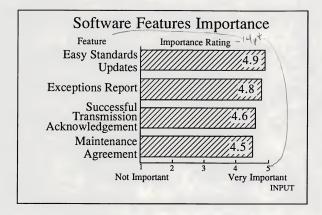
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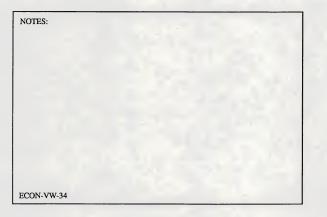




NOTES:		- 1
ECON-VW-30		

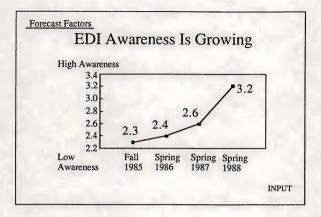


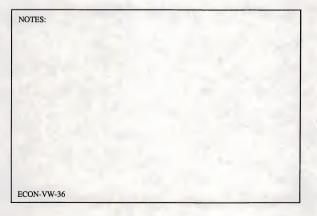




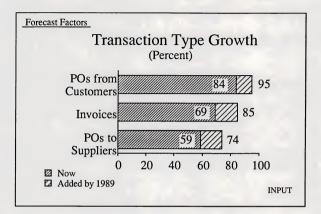
42







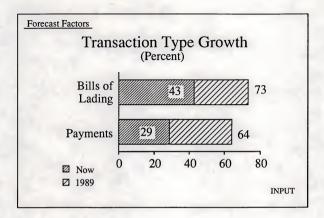


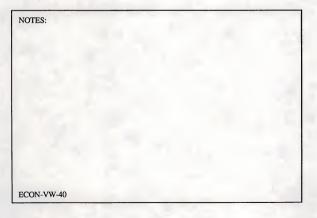


NOTES: ECON-VW-39

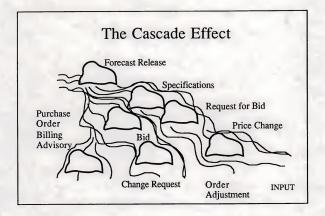
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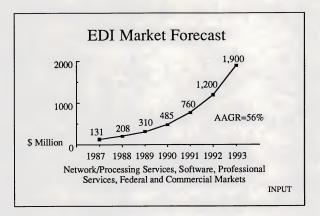


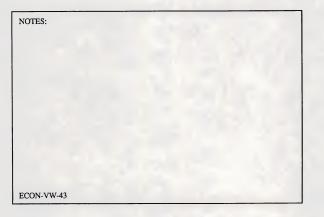


NOTES: ECON-VW-41

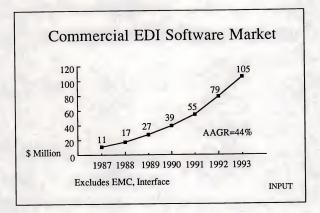
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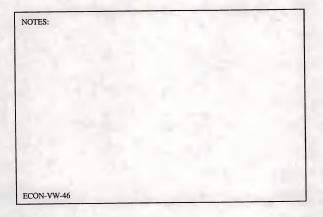




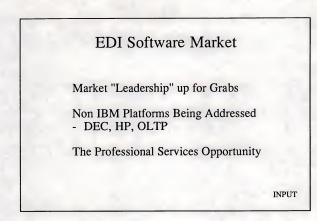










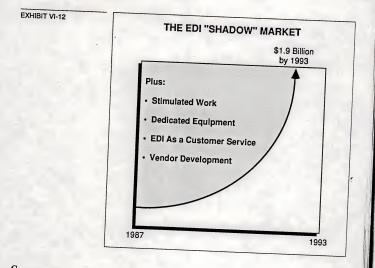


ECON-VW-47		



NORTH AMERICAN EDI SERVICE MARKET ANALYSIS 1988-1993

INPUT



Forecast Reconciliation

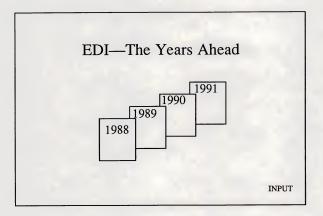
Exhibit VI-13 shows the differences between the current forecast and INPUT's 1987 EDI forecast.

The current forecast shows a higher present market sizing and maintains a substantial average annual growth rate throughout the forecast period, but at a lower level than previously forecast. There are several reasons for this change:

- The current federal EDI market was previously undersized. However, based on INPUT's analysis of federal agency budget requests, the federal market will exhibit a lower growth rate than the commercial market. This suppresses the overall market's growth pattern.
- A preliminary examination of trends in the electronic medical claims and batch insurance interface varieties of EDI suggest an average annual growth rate of 30-40%. While respectable, this also suppresses the overall market's pattern. Note also that INPUT has not sized EMC or Interface software, nor professional service activities in this area.

50



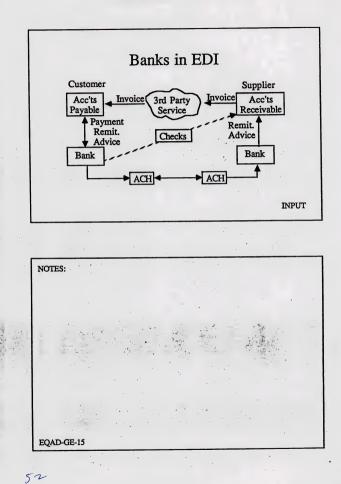


NOTES: ECON-VW-48

C 1988 by INPUT. Reproduction Prohibited.

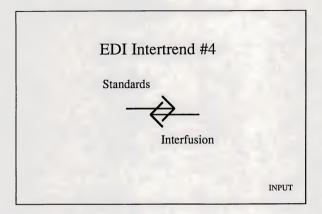
51





INPUT





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		-
		1.1.
ECON-VW-49	- 1	

53



EDI-The Year(s) Ahead

Services-New Entrants

- ADP
 BOCs
 BOCs
 EDS

"Secondary" Players Find Niches

INPUT

NOTES:	
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ECON-VW-55	



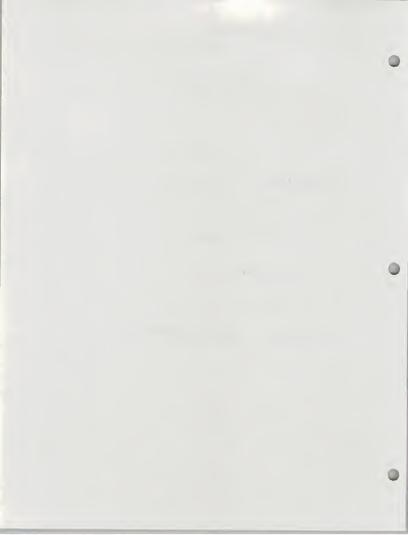
OPPORTUNITIES EDI SOFTWARE < \rightarrow Application Software EDI Software [even size] INTE GRATION TIGHTER 51



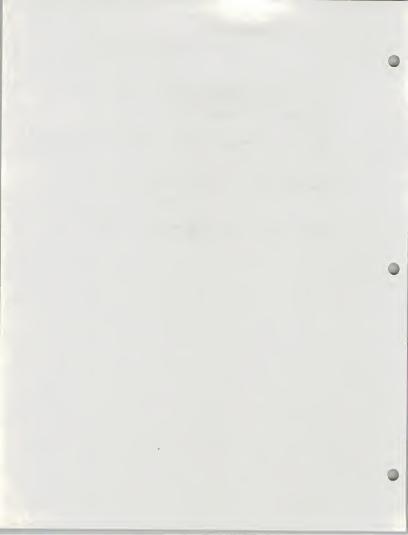
EDI OPPORTUNITIES SOFTUARE

Translation Communications Administrations

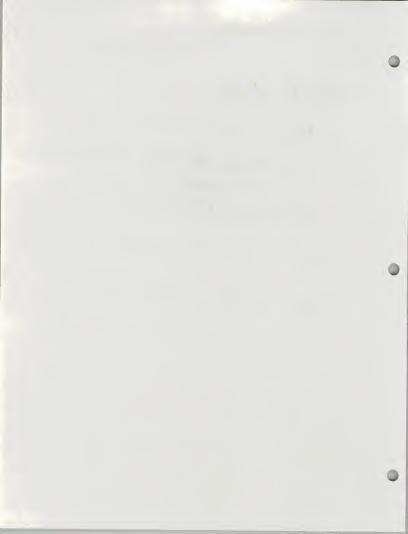
TIGHTER INTEGRATION

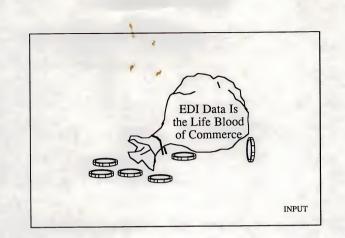


EDI OPPORTUNITIES PROFESSIONAL SERVICES · LARGE PROJECTS EDI STIMULATED DEVELOPMENT · INTERNAL BRIDGEING · EDI as CUSTOMER SERVICE



EDI OPPORTUNITIES Network SERVICES · Un Tagged / Under developed Martets Setuces Customer Develogment o Current SERVICES 6 VALUE ADDED





NOTES: ECON-VW-56

