EXHIBIT D

(JTX 186)

To Motion of Entity Defendants VENROCK Associates, *et al.* for Judgment as a Matter Of Law Pursuant to FRCP 50(A)

From: Sent: To: Subject:

.

Walker, Charlie Thursday, October 26, 2000 6:54 PM Oppenheimer, Stephan; Soghikian, Shahan FW: Information from Cadant









 Financial
 Cost Breakdown
 Investor
 Corporate
 Executive Summary

 iformation Next Rou Next Round Fina...
 esentation 10-00.pp:adership.doc (38 K.
 Septmeber 20...

-----Original Message-----From: Johnson, Kevin [mailto:kjohnson@cadant.com] Sent: Wednesday, October 25, 2000 2:28 PM To: Charlie Walker (E-mail) Subject: Information from Cadant

<<Financial Information Next Round.xls>> <<Cost Breakdown Next Round Financing.xls>> <<Investor Presentation 10-00.ppt>> <<Corporate Leadership.doc>> <<Executive Summary Septmeber 2000.doc>>

JTX 0186

JPM-SO 001396

		c				<		-	-	
t	X					5		-		
-										
2			Projected Statement of Financial Position							
3			COMPANY CONFIDENTIAL						-	
	(2000)	n de la deserve de la deser		2000	2000	2000	2000	2001	2001	2001
ωr	Current Assets			cept	ğ	Nov	Dec	Jan	Feb	Mar
		Checkina/MMA accounts		8.683	9.050	46.620	43.683	50.610	47.855	45.571
σ	Investments	S								
0 F	Accounts Re	Accounts Receivable-Net		,				÷	;	;
÷	Accounts Re	Accounts Receivable-Afilliates		113	113	113	113	113	113	113
12		Inventory - Finished goods	and a second	3	•	-	•		283	638
13		raw matis		1,000	1,500	1,800	2,000	2,000	1,717	1,362
14	Note Receivable	vable		,	•	1	•		-	-
15	Prepald Expenses	penses		9	10	10	10	20	20	20
16				1	,	-	'	20	20	20
17	Total Current Assets			9,806	10,673	48,543	45,806	52,763	50,008	47,724
					-		:	;		
6										
8	Cost	a oo dhaan dha aa maaraa aa dhida dhiyyaaa aa aa dhaan ah dhi dha aa aa dhaanaa Maaraa Maaraa aa dhi dhiddadhad		4,724	1,984	2,214	2,954	3,804	4,364	4,844
21	Accum Depreciation	preciation		(759)	(807)	(960)	(934)	(1,031)	(1,142)	(1,266)
22	Total Fixed Assets (Net)			3,965	1,177	1,354	2,020	2,773	3,222	3,578
23										
24	Security Deposits			8	20	20	20	20	20	20
25		, a a a any _{man} - a an and a second s		1	•	-		•	-	1
27	Total Assets			\$13,791	\$11,870	\$49,917	\$47,846	\$55,556	\$53,250	\$51,321
28										
e N	Liabilities and Equity									
	Current Liabilities						, ,	000	000	
5 8	Accounts r ayable Income Taxes Parahle	ayaure kes Pavahla		200'1	1,024	1,024		070	303	000
3 8		ada i ayanca ahiikias		5 5 7 7 7 7 7	600	- FAB	710	81F	664	C78
3 6	Bank debt - ST portion	- ST portion		3.005	3 005	3.005	3 005	5 424	5 424	5 424
35	Capital lease	Capital lease - ST portion			-	-			,	-
36	na na manana	and the second		•	-	-		-		-
37	Deferred revenue	svenue		: •	: '	1 F		: '	:	:
38	Total Current Liabilities			4,910	4,719	4,869	4,440	6,877	6,471	6,489
ဗ္ဗ						:				
우	Bank debt - LT portion	- LT portion		995	995	995	995	8,161	7,833	7,503
4	Capital least	Capital lease liab - LT portion		-			,	-	1	•
4 ⁴ 2	Total Liabilities Accrued LT liability	f liability		5,905	5,714	5,864	5,435	15,037	14,304	13,992
44										
45	Shareholder's Equity									
46	Common Stock	Stock		99	66	66	66	66	99	66
47	Serles A Pre	Series A Preferred Stock		22,192	22,192	22,192	22,192	22,192	22,192	22,192
4 8	Series B Pre	Series B Preferred Stock		-		40,000	40,000	40,000	40,000	40,000
49	Treasury stock @ cost	tock @ cost	۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰	(600)	(600)	(009)	(600)	(600)	(600)	(600)

L	А	в	D	ш Ш	L L	B	Н	_	ſ	×
50		Add'I Pald-in CapItal				-	•	-	•	
51		Retained Earnings		(2,428)	(2,428)	(2,428)	(2,428)	(2,428) (2,2	(2,428)
52		CY Net Income <loss></loss>		(11,344)	(13,074) (1	(15,177) (16,819)	(18,712)	(20,285)	(21,901)
53	53 Total Shareholder's Equity			\$7,886	\$6,156	\$44,053	\$42,411	\$40,518	\$38,945	\$37,329
54	4									
55	55 Total Liabilities and Equity			\$13,791	\$11,870	\$13,791 \$11,870 \$49,917	\$47,846	\$55,556	\$53,250 \$51,321	\$51,321

H		Σ	z	0	4	σ	н	s	L	5	- >	M
-									-			
~												
с -				-	* * * * * * *				-		···· * ·	
1 م	2001	2001	2001	2001	2001	2001	2001	2001	2001	2002	2003	2004
9	Apr	May	hun	٦ul	Aug	Sep	Oet	Nov	Dec	Dec	Dec	Jan
~												
8	43,424	42,054	39,950	38,265	36,727	35,180	33,624	33,648	33,000	42,463	54,877	36,871
ດຸ	Uee		Can Can	062	020				019 0	1 600	10 00	101
2 7	- CFF	113	113	113	112	113	113	113	2,040 112	112	113	131,11
	35.4	142	2	-			2	2	· · · · ·	8 07t	23 067	35 163
4	964	1134	1 360	1 644	2 267	3 401	3 968	4 988	5 038	7 703	19 150	20,873
2 7	5		-							-	22-12-	
15	ଟ୍ୟ	20	20	20	50	ଷ	20 :	20	20	20	20	20
9	20	20	20	20	20	20	20	20	20	20	20	20
17	45,224	44,083	42,124	40,781	40,017	39,934	39,545	40,889	40,831	62,999	117,454	104,512
18												
19			• • • •	•	•							
20	5,324	5,804	6,294	6,774	7,254	7,734	8,214	8,694	9,174	21,474	40,974	40,974
2	(1,404)	(1,554)	(1,718)	(1,895)	(2,084)	(2,287)	(2,504)	(2,733)	(2,975)	(8,093)	(18,552)	•
22	3,920	4,250	4,576	4,879	5,170	5,447	5,710	5,961	6,199	13,381	22,422	40,974
53												
24	50	20	8	50	50	50	20	50	20	50	50	20
Ω R	•		•	-	1	1			1	'	'	•
3 5	\$49.165	\$48.353	\$46.720	\$45.681	\$45.207	\$45.401	\$45.275	\$46.870	\$47.050	\$76.400	\$139.896	\$145.506
i «												
2 Q	• •			- •	- •			•••				
8												
٣	(£)	833	685	758	1,102	1,732	1,023	1,993	534	3,488	5,530	4,716
32		,	1			•		•	'	•	1	
33	825	1,016	843	768	782	874	784	1,140	816	1,345	1,934	1,172
34	5,424	5,424	5,424	5,424	5,424 :	5,424	5,424	5,424	5,424	4,972	•	
35	-					•		•		1	•	-
8				•••	1	•	+ <u>+</u>	•	1			
2						' 000 C				· .	,	-
R	6,248	1,2/3	6,952	6,950	/,308	8,030	/,231	8,557	6,//3	9,806	7,465	5,888
ရှိ	7 160	5 032	200	6 1EO		F 155	5 100	LV L V				:
₹₹			···· '	···· '	+		· ·	+		, ,		
6	13.417	14.105	13.445	13.100	13.113	13.486	12.334	13.305	11.162	9.806	7.465	5.888
43												
44											-	
45								••••				
46	88	99	99	66	99	99	99	99	99	99	99	99
47	22,192	22,192	22,192	22,192	22,192	22,192	22,192	22,192	22,192	22,192	22,192	22,192
4 8	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	30,000
49	(600)	(009)	(600)	(600)	(009)	(009)	(600)	(600)	(600)	(600)	(600)	(600)

		z	0	Р	o	щ	S	T	n	۷	M
				,	,		•				
3	(2,428)	(2,428)	(2,428)	(2,428)	(2,428)	(2,428)	(2,428)	(2,428) .	(2,428)	(2,428)	(2,427)
2	(24,983)	(25,955) :	(26,649)	(27,136)	(27,315)	(26,289)	(25,664)		7,365	73,202	90,387
\$	\$34,247	\$33,275	\$32,581		\$31,915	\$32,941	\$33,566	\$35,888	\$66,595	\$132,432	\$139,618
₩,	\$48,353	\$46,720	\$45,681	\$45,207	\$45,401:	\$45,275	\$46,870	\$47,050	\$76,400	\$139,896	\$145,506

L	A	В	0	٥	ш	LL.	J	I		-	×		Σ	z	0	۵.
-	Cadant, Inc.															
N	-															
м																
4		Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	plan	Plan	Plan
ъ		Sep-00	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01
ωr										007.0	0 6 4 0	000 0			000 2	0 400
~ @		•			• • • • • •	• :	•••	• : :	1 320	z,400	0101	Z,000	0,400	4,000	002'/	a,400
6	COST OF SALES		1			-	•	1	779	1,417	1,559	1,701	2,055	2,834	4,251	4,960
₽								:				-	:			-
Ξ	GROSS MARGIN	•		-	-	•	•	-	541	983	1,081	1,179	1,425	1,966	2,949	3,440
2																
13	3 Pre functional split		•			•		•			•	· . :		•	•	
14			26	26	40		50	51	51	51	46	46	46	46	46	46
15	5 Communications	186	496	767	417	488	113	113	573	888	418	193	188	378	113	923
16	S Marketing	52	53	53	53	53	53	53	53	53	53	53	53	53	53	53
17		43	43	43	43	43	43	6 4	43	43	43	43	43	43	43	43
18	3 Operations/Manufacturing	72	75	75	75	73	73	73	73	73 :	73	73	73	73	73	73
19	3 Sales	30	96	130	140	149	173	183	183	183	183	183	183	183	183	183
20		619	648	674	707	733	758	783	808	833	858	883	908	933	958	983
21		31	32	69	33	44	: 09	45	43	45	43	43	43	43	43	83
22	2 Human resources	9	9	0	Ŧ	10	10	6	10	ດ	13	12	12	4	12	12
23	3 Exec/G&A	31	249	258	281	404	327	342	356	371	386	401	416	430	445	459
24	1 OPERATING EXPENSES	1,386	1,729	2,105	1,799	2,038	1,659	1,694	2,193	2,549	2,117	1,931	1,965	2,195	1,970	2,859
25 26		(1.386)	(67.1)	(2.105)	(1 799)	(2.038)	(1.659)	(1.694)	(1.653)	(1.566)	(1.035)	(751)	(540)	(622)	979	581
27		7			·/								1			
28	3 Interest income	28	36	38	194	182	211	199	190	181	175	166	159	153	147	140
29	Interest expense	37	37	37	37	37	125	122	118	115	112	109	106	103	100	96
30	10															
31 32	PRETAX INC(LOSS)	(1,394)	(1,729)	(2,103)	(1,642)	(1,892)	(1,573)	(1,616)	(1,581)	(1,501)	(673)	(694)	(487)	(179)	1,026	624
33	3 Income taxes															
8 8	34 34 35 NET INCOME(LOSS)	(1,394)	(1,729)	(2,103)	(1,642);	(1,892)	(1,573)	(1,616)	(1,581)	(1,501)	(673)	(694)	(487)	(179)	1,026	624
														, ,		

Plan Fiscal Yaar Ended December 31, 2001 Plan Fiscal Yaar Ended December 31, 2001 Dec-01 1st Q 2001 2nd Q 2001 3rd Q 2001 4th Q 2001 201 22 Dec-01 1st Q 2001 2nd Q 2001 3rd Q 2001 4th Q 2001 2001 20 31 2001 20 31 2001 22 20		o	В	S	T	U U	7	M	×
Flacal Vaar Flaca Vaar <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	-								
Flacal Vear Ended December 31, 2001 Flacal Vear Ended December 31, 2001 Plan Pla	~								
Plan Plan <th>С</th> <th></th> <th></th> <th>Fiscal Year Er</th> <th>nded December</th> <th>31, 2001</th> <th></th> <th></th> <th></th>	С			Fiscal Year Er	nded December	31, 2001			
Dec-01 1st q 2001 2nd q 2001 3rd q 2001 3rd q 2001 2rd q 2001 2001 201 201 10,560 - - $3,755$ 6,589 15,446 $25,791$ 9 6,235 - $3,755$ 6,589 15,446 $25,791$ 9 4,325 - $2,605$ $4,571$ $10,714$ $17,889$ 7 4 113 715 148 138 567 9 5 7 1380 760 1,150 $4,505$ 7 5 113 1142 1880 7 9 957 7 7 219 219 219 657 131 7 73 219 2724 2,950 10,445 1 1008 2,273 2,498 2,724 2,950 10,445 1 12,47 11,073 11,14 1,247 1,378 4,812 1 12,47 1,247	4	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Pian
10,560 - 6,360 11,160 26,160 43,680 16 6,235 - 3,755 6,589 15,446 25,791 9 46 142 3,755 6,589 15,446 25,791 9 46 142 142 148 138 567 7 46 142 1,880 760 1,150 4,505 7 46 113 715 1,880 760 1,150 4,505 7 43 129 129 129 129 129 875 7 43 129 132 219 219 875 7 47 1,073 1,140 2,39 2,19 875 1 7 2,049 2,391 1,141 1,27 2,950 10,445 1 10,714 1,27 2,19 2,12 2,19 2,17 2,12 10,71 1,073 1,11 1,27	5	Dec-01	1st Q 2001	2nd Q 2001	3rd Q 2001	4th Q 2001	2001	2002	2003
10,560 $ 6,360$ $11,160$ $26,160$ $43,600$ 16 $6,235$ $ 3,755$ $6,589$ $15,446$ $25,791$ 9 4.6 142 $3,755$ $6,589$ $15,446$ $25,791$ 9 4.6 142 148 138 138 138 567 113 715 $1,880$ 760 $1,150$ $4,505$ 7 46 113 715 1880 760 $11,150$ $4,505$ 7 43 129 129 129 129 129 875 7 73 219 2724 2950 $10,445$ 1 $10,714$ $17,605$ 131 1000 $2,531$ 219 2724 2950 $10,445$ 131 747 2043 $2,130$ 3636 $(7,330)$ 3636 $(7,330)$ 3636 $(7,330)$ 2044 $10,277$	9					1			
6,235 - 3,755 6,589 15,446 $25,791$ 9 4,325 - 2,605 4,571 10,714 17,889 7 46 142 1480 760 1,50 4,505 4,505 113 715 1,880 760 1,150 4,505 57 550 550 550 219 219 875 57 73 219 129 129 129 138 532 1008 2,273 2,496 2,724 2,950 10,445 1 73 219 132 130 170 582 131 1008 2,273 2,496 2,724 2,950 10,445 1 74 1,073 1,114 1,247 1,376 4,812 1 2,044 5,391 6,856 5,50 3,650 2,644 2 2 112 1,073 1,114 1,247 1,378 4,8	7	10,560	•	6,360	11,160	26,160	43,680	162,294	344,925
6,235 - 3,755 6,589 15,446 25,791 9 4,325 - 2,605 4,571 10,714 17,889 7 46 142 148 138 138 567 4,505 45 715 1,480 760 1,150 4,505 567 46 142 1,380 760 1,160 4,505 567 4,505 73 2199 129 129 129 219 517 1 10,013 505 550 550 550 560 10,445 1 11008 2,273 2,436 2,724 2,995 10,445 1 1,008 2,273 2,436 2,724 2,995 10,445 1 1,008 2,273 2,446 1,307 4,812 1 1 1,009 2,231 1,073 4,114 1,247 1,378 4,812 2,044 1,073 6,087	8								
4,325 2,605 4,571 10,714 17,869 7 46 142 148 138 567 567 113 715 1,880 760 1,150 4,505 567 53 118 715 1,880 760 1,150 4,505 567 53 113 715 1,880 760 1,150 4,505 517 53 1129 129 129 129 632 517 138 517 145	6	6,235	-	3,755	6,589	15,446	25,791	90,792	188,070
4,325 2,605 4,571 10,714 17,889 7 46 142 148 138 567 567 113 715 1,880 760 1,150 4,505 533 158 158 158 567 4,505 73 219 129 129 129 517 183 505 550 550 550 550 514 1,008 2,273 2,498 2,19 219 67 1 474 1,073 1,114 1,247 1,378 4,812 1 170 5,391 6,899 6,091 6,878 25,219 3 2,049 5,391 1,114 1,247 1,378 4,812 2,049 5,391 6,899 6,091 6,878 25,219 3 2,049 5,391 3,66 1,31 1,373 4,327 2,044 140 5,391 3,66 1,301	₽							:	
46 142 148 138 138 567 113 715 1880 760 $1,150$ $4,505$ 53 158 158 158 158 557 $4,505$ 53 158 158 158 158 158 517 73 219 219 219 219 219 875 73 219 219 219 219 219 875 73 205 550 550 550 215 875 474 $1,073$ $1,114$ $1,247$ $1,70$ 582 474 $1,073$ $1,114$ $1,247$ $1,31$ $2,049$ $5,391$ $(4,254)$ $(1,520)$ $3,636$ $(7,30)$ $2,049$ $5,391$ $6,691$ $6,911$ $6,878$ $25,219$ 3 $2,049$ $5,391$ $4,27$ $2,044$ $2,27$ $2,393$ <td< th=""><th>Ξ</th><th>4,325</th><th>1</th><th>2,605</th><th>4,571</th><th>10,714</th><th>17,889</th><th>71,502</th><th>156,856</th></td<>	Ξ	4,325	1	2,605	4,571	10,714	17,889	71,502	156,856
46 142 148 138 138 567 113 715 1,880 760 1,150 4,505 53 158 158 158 158 557 4,505 53 129 129 129 517 875 517 73 219 219 219 219 517 129 517 183 505 550 550 550 2,19 219 875 73 219 219 219 219 875 517 183 505 550 550 550 2,155 10,445 1 474 1,073 1,114 1,247 1,378 4,812 1 2,049 5,391 (4,254) (1,520) 3,636 (7,30) 3 2,046 5,391 (4,253) 3,636 (7,30) 3 1,204 2,049 5,391 (4,055) (1,520) 3,636 (7,30)	12								
46 142 148 138 138 567 560 1,150 4,505 567 567 567 567 567 567 577 577 577 576 1,150 4,505 557 577 577 577 577 577 577 577 577 576 570 2,19 2,19 2,19 2,175 577 570 2,155 570 2,155 571 110,03 572 2,155 570 2,155 570 2,155 571 131 8 4,812 131 1,103 1,114 1,247 1,30 1,70 582 36 131 36 131 36 131 36 36 131 36 37 36 36 36	13	•	I		1	I	•	ł	ł
113 715 1,880 760 1,150 4,505 537 53 158 158 158 158 537 537 43 129 129 129 129 517 632 73 219 219 219 219 875 515 183 505 550 550 550 2,155 1,045 1 183 2,273 2,498 2,724 2,950 10,445 1 474 1,073 1,114 1,247 1,70 582 1 1 474 1,073 1,114 1,247 1,378 4,812 1 2,049 5,391 6,691 6,091 6,878 5,2,19 3 2,046 5,391 (4,254) (1,520) 3,836 (7,330) 3 2,232 5,391 (4,055) 3,636 (7,330) 3 3 2,323 (5,082) (4,055) (1,560)	14	46	142	148	138	138	567	839	977
53 158 153 158 158 537 537 43 129 129 129 517 517 73 219 219 219 875 517 183 505 550 550 550 550 $2,155$ 183 505 550 550 550 $2,950$ $10,445$ 1 47 $1,073$ $1,114$ $1,247$ $1,70$ 582 36 131 474 $1,073$ $1,114$ $1,247$ $1,378$ $4,812$ 36 $2,049$ $5,391$ $6,859$ $6,091$ $6,878$ $25,219$ 3 $2,049$ $5,391$ $6,859$ $6,091$ $6,878$ $25,219$ 3 $2,049$ $5,391$ $(4,254)$ $(1,520)$ $3,836$ $(7,300)$ 3 $2,270$ $5,391$ $(4,254)$ $(1,520)$ $3,836$ $(7,30)$ 3 $2,273$ $(5,082)$ $(4,055)$ $(1,520)$ $3,936$ $(7,30)$ 3 $2,323$ $(5,082)$ $(4,055)$ $(1,360)$ $3,973$ $(6,523)$ 3 $2,323$ $(5,082)$ $(4,055)$ $(1,360)$ $3,973$ $(6,523)$ 3	15	113	715	1,880	760	1,150	4,505	7,080	10,535
43 129 129 129 517 517 73 219 219 219 219 875 550 550 550 550 550 2155 155 183 505 550 550 550 550 2155 2155 151 1 183 2,273 2,498 2,724 2,950 10,445 1 1 474 1,073 11,14 1,247 1,378 4,812 1 <td< th=""><th>16</th><th>53</th><th>158</th><th></th><th>158</th><th>158</th><th>632</th><th>755</th><th>875</th></td<>	16	53	158		158	158	632	755	875
73 219 219 219 219 219 875 875 875 875 875 875 875 875 875 875 875 875 875 875 875 875 875 875 $2,155$ $2,155$ $10,445$ 11 $10,73$ $11,14$ $1,247$ $10,73$ $10,445$ 11 $10,73$ $11,114$ $11,247$ $10,73$ 36 131 36 131 36 131 32 36 131 32 36 311 36 311 36 312 $320,41$ 312 $322,219$ 33 $322,219$ 33 $322,219$ 33 $322,219$ 32 $322,219$ 32 $322,219$ 32 $322,219$ 32 $322,219$ 32 $322,219$ 32 $322,219$ 32 $322,219$ 32 $322,219$ 32 $322,219$ 32 $322,219$ $322,219$ $322,219$ <	17	43	129		129	129	517	535	553
103 505 550 550 550 5155 2,155 1 43 150 $2,273$ $2,438$ $2,724$ $2,950$ $10,445$ 1 47 $1,073$ 1114 $1,247$ $1,70$ 582 131 474 $1,073$ $1,114$ $1,247$ $1,378$ $4,812$ 36 $2,049$ $5,391$ $6,859$ $6,091$ $6,878$ $25,219$ 3 $2,049$ $5,391$ $(4,254)$ $(1,520)$ $3,836$ $(7,300)$ 3 $2,276$ $5,391$ $(4,254)$ $(1,520)$ $3,836$ $(7,300)$ 3 $2,273$ $3,66$ 316 $21,270$ $3,836$ $(7,300)$ 3 $2,323$ $(5,082)$ $(4,055)$ $(1,520)$ $3,973$ $(6,523)$ 3 $2,323$ $(5,082)$ $(4,055)$ $(1,360)$ $3,973$ $(6,523)$ 3	18	73	219	219	219	219	875	913	952
1,009 $2,273$ $2,436$ $2,724$ $2,950$ $10,445$ 1 43 150 132 132 130 170 582 131 474 $1,073$ $1,114$ $1,247$ $1,378$ $4,812$ 131 $2,049$ $5,391$ $6,859$ $6,091$ $6,878$ $25,219$ 3 $2,049$ $5,391$ $6,859$ $6,091$ $6,878$ $25,219$ 3 $2,276$ $(5,391)$ $(4,254)$ $(1,520)$ $3,836$ $(7,300)$ 3 $2,276$ $5,391$ $(4,254)$ $(1,520)$ $3,836$ $(7,300)$ 3 $2,273$ 263 346 318 289 $1,277$ $2,044$ $2,323$ $(5,082)$ $(4,055)$ $(1,560)$ $3,973$ $(6,523)$ 3 $2,323$ $(5,082)$ $(4,055)$ $(1,360)$ $3,973$ $(6,523)$ 3	19	183	505	550	550	550	2,155	4,861	7,871
43 150 132 130 170 582 12 28 31 36 36 131 474 $1,073$ $1,114$ $1,247$ $1,378$ $4,812$ $2,049$ $5,391$ $6,859$ $6,091$ $6,878$ $25,219$ 3 $2,049$ $5,391$ $(4,254)$ $(1,520)$ $3,836$ $(7,300)$ 3 $2,276$ $(5,391)$ $(4,254)$ $(1,520)$ $3,836$ $(7,300)$ 3 $2,276$ 5392 546 479 427 $2,044$ 3 93 283 346 318 289 $1,277$ 2 $2,323$ $(5,082)$ $(4,055)$ $(1,360)$ $3,973$ $(6,523)$ 3 $2,323$ $(5,082)$ $(4,055)$ $(1,360)$ $3,973$ $(6,523)$ 3	20	1,008	2,273	2,498	2,724	2,950	10,445	13,207	14,421
12 28 31 36 36 36 131 474 1,073 1,114 1,247 1,378 4,812 2,049 5,391 6,659 6,091 6,878 25,219 3 2,276 (5,391) (4,254) (1,520) 3,836 (7,300) 3 2,276 (5,391) (4,254) (1,520) 3,836 (7,300) 3 2,276 592 546 479 2,044 2 2 3 93 283 346 318 289 1,277 2 3 3 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3	21	43	150	132	130	170	582	846	1,000
474 1,073 1,114 1,247 1,378 4,812 2,049 5,391 6,859 6,091 6,878 25,219 3 2,276 (5,391) (4,254) (1,520) 3,836 (7,330) 3 2,276 (5,391) (4,254) (1,520) 3,836 (7,330) 3 93 592 546 479 289 1,237 2 93 283 346 318 289 1,237 2 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3	22	12	28	31	36	36	131	144	144
2,049 5,391 6,859 6,091 6,878 25,219 3 2,276 (5,391) (4,254) (1,520) 3,836 (7,330) 3 140 592 546 479 2,044 2 2 93 283 346 318 289 1,237 2 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3	23	474	1,073	1,114	1,247	1,378	4,812	9,481	11,971
2,276 (5,391) (4,254) (1,520) 3,836 (7,330) 3 140 592 546 479 427 2,044 93 283 346 318 289 1,237 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 2,323 (5,082) (4,055) (1,360) 3,973 (6,523)	24	2,049	5,391	6,859	6,091	6,878	25,219	38,662	49,300
2,276 (5,391) (4,254) (1,520) 3,836 (7,330) 3 140 592 546 479 427 2,044 93 283 346 318 289 1,237 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 2,323 (5,082) (4,055) (1,360) 3,973 (6,523)	25								
140 592 546 479 427 2.044 93 283 346 318 289 1,237 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3	26	2,276	(5,391)	(4,254)	(1,520)	3,836	(1,330)	32,840	107,555
140 592 546 4.79 4.27 2.044 93 283 346 318 289 1.237 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3	27								
93 283 346 318 289 1,237 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3	28	140	592	546	479	427	2,044	1,832	2,173
2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 2,323 (5,062) (4,055) (1,360) 3,973 (6,523) 3	29	93	283	346	318	289	1,237	299	-
2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3 - - - - - - - 2,323 (5,082) (4,055) (1,360) 3,973 (6,523) 3	30								
2.323 (5.082) (4.055) (1.360) 3.973 (6.523) 3	31	2,323	(5,082)	(4,055)	(1,360)	3,973	(6,523)	34,372	109,728
2.323 (5.082) (4.055) (1.360) 3.973 (6.523) 3	32								
2.323 (5.082) (4.055) (1.360) 3.973 (6.523)	33		,	,	-	I	1	3,666	43,891
2.323 (5,082) (4,055) (1,360) 3.973 (6,523)	34								
	35	2,323	(5,082)	(4,055)	(1,360)	3,973	(6,523)	30,706	65,837

_

GHILOWS COUPPANY CONFIDENTIAL 1 2000 2000 2000 2000 200 <th>A</th> <th>8</th> <th>U</th> <th>0</th> <th>ш</th> <th>μ.</th> <th>9</th> <th>н</th> <th>_</th> <th>ſ</th>	A	8	U	0	ш	μ.	9	н	_	ſ
Model (F dot) (F, dot) Control (F, dot) Contro (F, dot) Control (F,										
Image: state in the s	3 PROJECTED STATEMENT OF CASH FLOWS				-		-			3 H
Contained Contained <thcontained< th=""> <thcontained< th=""> <thc< td=""><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thc<></thcontained<></thcontained<>	4									
2000 2000 <th< td=""><td>21</td><td></td><td></td><td></td><td></td><td>COMPANY CONFIDENTIAL</td><td></td><td></td><td>-</td><td>erten den staat de staat de server de ten ste en server de ten se</td></th<>	21					COMPANY CONFIDENTIAL			-	erten den staat de staat de server de ten ste en server de ten se
Model Model <th< td=""><td></td><td>-</td><td></td><td>;</td><td>:</td><td></td><td></td><td></td><td></td><td>÷</td></th<>		-		;	:					÷
Gend Cold Nov< Dec And Feb And And<	8	2000	2000	2000	2000	2001	2001	2001	2001	2001
Problem Constrained Constrained <thconstrained< th=""> <thconstrained< th=""> <th< th=""><th></th><th>Sept</th><th>St</th><th>Nov</th><th>Dec</th><th>-</th><th>Feb</th><th>Mar</th><th>Apr</th><th>May</th></th<></thconstrained<></thconstrained<>		Sept	St	Nov	Dec	-	Feb	Mar	Apr	May
Neuronection (1,0)	11									
Methodenesity (1.33)	OPERATING ACTIVITIES									
aux concentioninati 124 42 54 74 91 111 124 135 construct according acc	Net income <loss></loss>	(1,394)	(1,729)	(2,103)	(1,642)	(1,892)			(1,581)	(1,501)
Instance of consists of consist	14 acd back derpeciation/amort	124	48	54	74 :	97			137	150
Contrage notwerting statistication I	Issuance of Com Stck for servs	:	;	:						
Account encompete (math of paces) (math of										
Accounts received: Account	Accounts receivable - net	1		-			-		(330)	(270)
Instancy Instance	Accounts recievable - affiliates	•	•	•	;	 1			•	•
Invention Intention (100) (00)	20 Inventory - Finished goods	,			,		(283)		283	213
Model enclosition Model enclococcccocccc Model enclosition	Inventory - Raw materials	(1,000)	(200)	(300)	(200)				399	(170)
Properdicationation i	Notes receivable				•••		-			
Investination Investinstination Investination Inve	23 Prepaid expenses			-		(10)	•	,		
One current assets One cur		'		'	ı			,	,	
Control deposits Control deposit Control deposits Control deposits Control deposits Control deposit Conteposit Control deposit <t< td=""><td>Other current assets</td><td>1</td><td>1</td><td>1</td><td>1</td><td>(20)</td><td>•</td><td></td><td>,</td><td></td></t<>	Other current assets	1	1	1	1	(20)	•		,	
Accounts payable Each (32) (32) (12) (12) (73) (73) (73) (74)	26 Security deposits	-	-	-			•	ı	'	-
Accende lemines Accende lemines Catched le	Accounts payable	634	(328)		(308)				(388)	
Incomete sepande Incomete sepande Incomete sepande Incomete sepande Incometer sepande <		(220)	137	150	(122)	97			: 44	191
Definition Definition <thdefinition< th=""> Definition Definiti</thdefinition<>		I	-				-	-	-	-
NET CASH PROVIDED BY (USED) NET CASH PROVIDED BY (USED) (1,856) (2,137) (2,200) (2,196) (1,160) (1,671) (1,174) (1,333) BY OPERATING ACTIVITIES (1,050) (1,050) (1,050) (1,060) (1,600) (1,610) (1,133) INVESTING ACTIVITIES (270) 2,740 (230) (740) (1,600) <td< td=""><td>Deferred revenue Other accrue LT liab</td><td>•</td><td></td><td></td><td>а н</td><td></td><td></td><td>-</td><td></td><td>• • •</td></td<>	Deferred revenue Other accrue LT liab	•			а н			-		• • •
BY OFERATING ACTIVITIES (1,865) (2,373) (2,373) (2,373) (2,373) (1,367) (1,474) (1,474) (1,333) INVESTING ACTIVITIES 1 (2,00) (2,01) (2,14) (2,130) (1,40) (1,474) (1,474) (1,333) INVESTING ACTIVITIES (2,7) 2,740 (2,30) (7,40) (7,40) (1,667) (1,667) (1,40)	32 NET CASH PROVIDED BY (USED									
INVESTING ACTIVITES INVESTING ACTIVITES INVESTING ACTIVITES (270) 2,740 (230) (740) (850) (560) (48	33 BY) OPERATING ACTIVITIES	(1,856)	(2,373)	(2,200)	(2,198)	(1,808)			(1,333)	(553)
Filed asset additions (270) 2.740 (230) (740) (650) (650) (480)<	35 INVESTING ACTIVITIES									
NET CASH USED INVESTING ACTIVITIES (270) 2,740 (230) (740) (660) (660) (480)		(270)	2,740	(230)	(140)	(850)			(480)	(480)
FINANCING ACTIVITIES FINANCING	37 NET CASH USED INVESTING ACTIVITIES	(270)	2,740	(230)	(740)	(850)			(480)	(480)
FINANCING ACTIVITIES FINANCING ACTIVITIES <td< td=""><td>38</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	38									
Proceed from issuance of Common stock - - 40,000 - 40,000 -	FINANCING ACTIVITIES						•			:
Line of credit Line		,		40,000	1	•	•		r	ŀ
Bank debt 9,565 (327) (330) (334) Proceeds from capital leases -	Line of credit		,	;					•	•
Proceeds from capital leases Proceeds from capital leases Proceeds from exercise of stock options Proceeds from exercise op		4,000	-						(334)	(337)
Proceeds from exercise of stock options Proceeds from exercise of stock options Proceeds from repayment of> shareholder loan(s) Purchase of Treasury stock Purchase of Treasury stock NET CASH PROVIDED BY 4,000 AUSED IN> FINANCING ACTIVITIES 4,000	44 Proceeds from capital leases	,		1	•		1	•	•	•
Proceeds from <repayment of=""> shareholder loarr(s) Proceeds from <repayment of=""> shareholder loarr(s) Purchase of Treasury stock NET CASH PROVIDED BY VEED IN> FINANCING ACTIVITIES 4,000 4,000 4,000 9,585 (327) (330) (334)</repayment></repayment>	Proceeds from exercise of stock options									
Purchase of Treasury stock Purchase of Treasury stock <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>										
ALE CAST FINANCING ACTIVITIES 4,000 - 40,000 - 40,000 (334) (334) (334)	47 Purchase of Treasury stock									
		1000				0 695			11661	17661
		2001		22052		1000			12001	1.000

	Α	В	с 0	۵	ш		J	т	_		-,
51	51 INCREASE <decrease> IN</decrease>										
52	52 CASH & CASH EQUIVALENTS		367	37,570	(2,938)	6,927	7 (2,755)	(2,284)	Ŭ	(2,147)	2,147) (1,369)
53											
54	54 BEGINNING CASH & CASH EQUIV	6,809	8,683	9,050	46,620	43,683	50,610	47,855		571 :	45,571 43,424
55											-
56	56 ENDING CASH & CASH EQUIV	8,683	9,050	46,620	43,683	50,610	0 47,855	45,571	43,	424	43,424 42,054

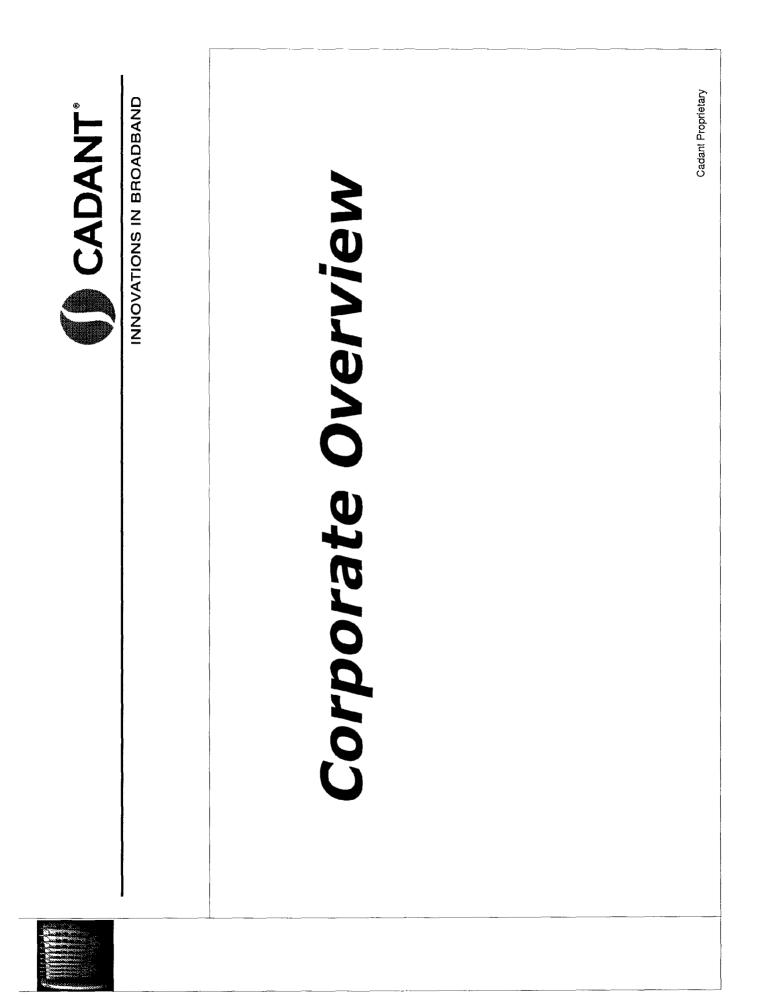
-						-			
		-	;		-			-	
	Cadant, Inc.								
:		-		-	-		Fiscal Year	Fiscal Year	Fiscal Year
2001	2001	2001	2001	2001	2001	2001	2001	2002	2003
June	ylut	Aug	Sept	oct	Nov	Dec			
								_	
(973)	(694)	(487)	(179)	1,026	624	2,323	(6,523)	30,706	65,837
164	177	190	203	216	229	242	2,041	5,118	10,459
		:	;					•	· · · · · · · · · · · · · · · · · · ·
							•	-	
							-		
(60)	(90)	(150)	(330)	(009)	(300)	(240)	(2,640)	(1,968)	(5,600)
	,	•	•	-	•				THE OWNER AND A DESCRIPTION OF A DESCRIP
142			•	•	*	•	*		
(227)	(283)	(0)	(1,134)	(567)	(1,020)	(20)	(3,038)	(2,665)	(11,446)
	•			•		•	-	•	
•					. •			•	
Ι,		1	•				P	•	
(148)	72	345	630	(602)	979	(1,460)	(183)	2,955	2,042
(173)		41	65	(06)	356	(324)			
	-				T	, , ,	-	-	
• :				•	•	• :	•	•	
	- • •	-		•	-	•	-	•	-
T		-			-		-		
(1,274)	(863)	(712)	(718)	(724)	859	191	(10,275)	26,603	36,886
(490)	(480):	(480)	(480):	(480)	(480)	(480)	(6,220)	(12,300)	
(490)	(480)	(480)	(480)	(480)	(480)	(480)	(6,220)	(12,300)) (19,500)
T							-	-	-
				-			•	•	·
							-	-	e
٠Ţ	,	,		-	,	•	•	-	
	(676/		(949)	(350)	(356)	(250)	5 81 S		1020 1/
2		(0+0)	(0+0)	10001	(000)	(nnn)	2		
·		•	-		•				
						-			
								•	
(340)	(343)	(346)	(349)	(352)	(356)	(359)	5.813	(1 PA 1)	(CZ0 V)

T	•	12,414	,	42,463	-	54,877
S	•	9,4	1	33,000	1	42,463
В		(10,682)		43,683		33,000
σ		(647)		33,648		33,000
Ч		24		33,624		33,648
0		(1,556)		35,180		33,624
N		(1,547)		36,727		35,180
Σ		(1,538)		38,265		36,727
L	**	(1,686)		39,950		38,265
¥		(2,104)		42,054		39,950
	51	52	53	54	55	56

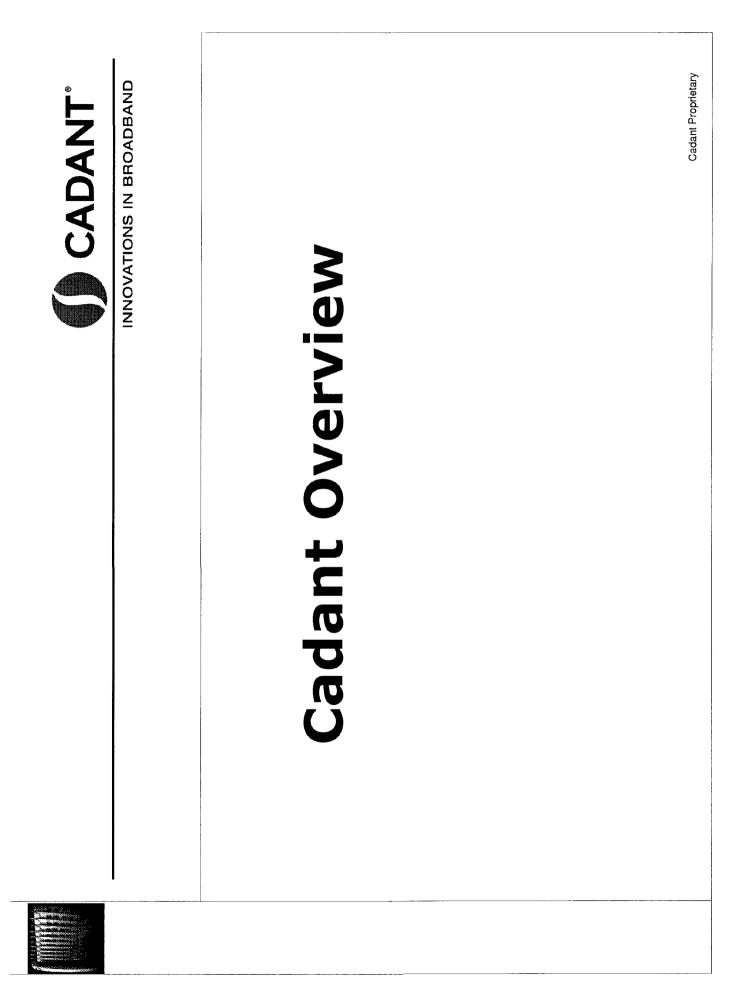
	A	В	С	D	Е
1		Cadant, Inc.	-		ASSUMPTIONS
2		Revenue, COGS & Inventory Forecast			C4 CMTS
3					Additional Cards
4					D-CARDS
5		· · · · · · · · · · · · · · · · · · ·			E-CARDS
6					F-CARDS
7					M-CARDS
8		(\$000 except unit price & cost)			WEGAILDS
9					
	UNIT SALES		Jul-00	Aug-00	Sep-00
	UNIT SALES		Jui-00	Aug-00	
11					
12	C4 CMTS D-CARDS			-	-
13				-	
14	E-CARDS			·····	-
	F-CARDS				-
	M-CARDS				-
17	OTHER		-	-	-
18					
19	TOTALS (ALL PRODUCTS)		-	-	-
20					
21	REVENUES				
22					
23	C4 CMTS			-	-
24	D-CARDS		-	-	-
25	E-CARDS				
	F-CARDS				
27	M-CARDS				
28	OTHER		-	-	-
29					
30					
31	GROSS REVENUES		-	-	-
32					
33	COST OF SALES				
34					
35	C4 CMTS		-	-	-
36	D-CARDS		-	-	-
37	E-CARDS				
38	F-CARDS	· · · · · · · · · · · · · · · · · · ·			
	M-CARDS				
40	OTHER		-	-	
41					
42	Total Cost of Sales		-	-	-
43					
44					The information contained herein is Cadant Proprietary & Confidential
45					All estimates presented here are based on the industry market opportunity as well as internal planning by Cadant Sales & Marketing Team and are subject to change without notice.
46					Please request authorization from Cadant prior to distribution of this information

	F	G	Н	1	J	к	L	M	N	0	Р	Q	R	S	Т
1			:	UNIT PRICE		UNIT COST		UNIT MARGIN		i		i			
2		1		120,000		70,854.43		41%							
3				13,188		4,470.15		60%		i					
4		1		24,750		6,668.50		60%							
5				12,000		4,674.40		61%		1		ł			
6				10,000		4,126.15		59%		İ					
7				6,000		2,411.55		60%							
8								······			;				
9															
10	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01
11															
12				_	-	_	11	20	22	24	29	40	60	70	88
13	-	-	-	-	-	_									
14	-		- ;	-	-	-			-		[•••••		
15	_		······		-										
16		-	-	-	~	-			-						
17	_		_	-	-	_	-		-	-	-	-	-	-	-
18															
19	_		-		-	-	11	20	22	24	29	40	60	70	88
20								20	<i>L_L_</i>						
21		!													
22			i												
23			i	-			1 0 00	0.400	2,640	2,880 :	3,480	4,800	7,200	8,400	10,560
	-	- :			-	-	1,320	2,400		2,000	3,400	4,000	7,200	- 0,400	
24	-			-	-	-	-		-	····· ÷					-
25							-	-	-	- :	-	-	-		-
26							-		-		i	-	-	-	-
27			!				-	-	-		-	-	-	-	•
28			-	-	-	-	-	-	-		- :	- 1	-	-	-
29															******
30			į												
31	-	-	-	-	-	-	1,320	2,400	2,640	2,880	3,480	4,800	7,200	8,400	10,560
32										ļ	i				
33															
34											· · · · · · · · · · · · · · · · · · ·				
35	-	- !	-	-	-	-	779	1,417	1,559	1,701	2,055	2,834	4,251	4,960	6,235
36	-			-	-	-					+				
37					-	-				····· ;	····· ;				
38					-	-									
39		i			-	-				i		i			
40		- :		-	-	-	-	-	-		-	-	-	-	-
41										i					
42	-	-		-	-	-	779	1,417	1,559	1,701	2,055	2,834	4,251	4,960	6,235
43															
										i	i				
44										i					
										:					
										:					
			l		i						ĺ				
45										i					
										ļ	i				
46															

	Ū		W
1			
2			
3			
4			
5			
6			
7			
8			
9			
10	2001	2002	2003
11			
12	364	1,127	2,177
13	- 1	546	1,691
14	-	364	1,127
15	-	364	1,127
16	-	364	1,127
17	-		
18			
19	364	2,765	7,249
20			
21			
22		ł	
23	43,680	135,267	261,229
24		9,009	27,899
25		6,006	18,599
26	_	6,006	18,599
27		6,006	18,599
28			
29			
30			
31	43,680	162,294	344,925
32	40,000		
33			
34			
34	25 791	79,869	154 244
	25,791	79,869	154,244
36		3,641	11,275 7,517
37 38		2,427	
38		2,427 2,427	7,517 7,517
		2,421	
40 41			
41	25,791	90,792	188,070
	20,701	30,732	100,070
43			
44			
45			
46			



	Agenda		CADANT
		INNOVATI	INNOVATIONS IN BROADBAND
	•	Company Overview	
	•	Market Analysis	
	•	Marketing Strategy	
	•	Technology and Products	
	•	Operations	
	•	Lab Tour	
	•	Financials	
<u>.</u>	•	Summary & Discussion	
			Cadant Proprietary



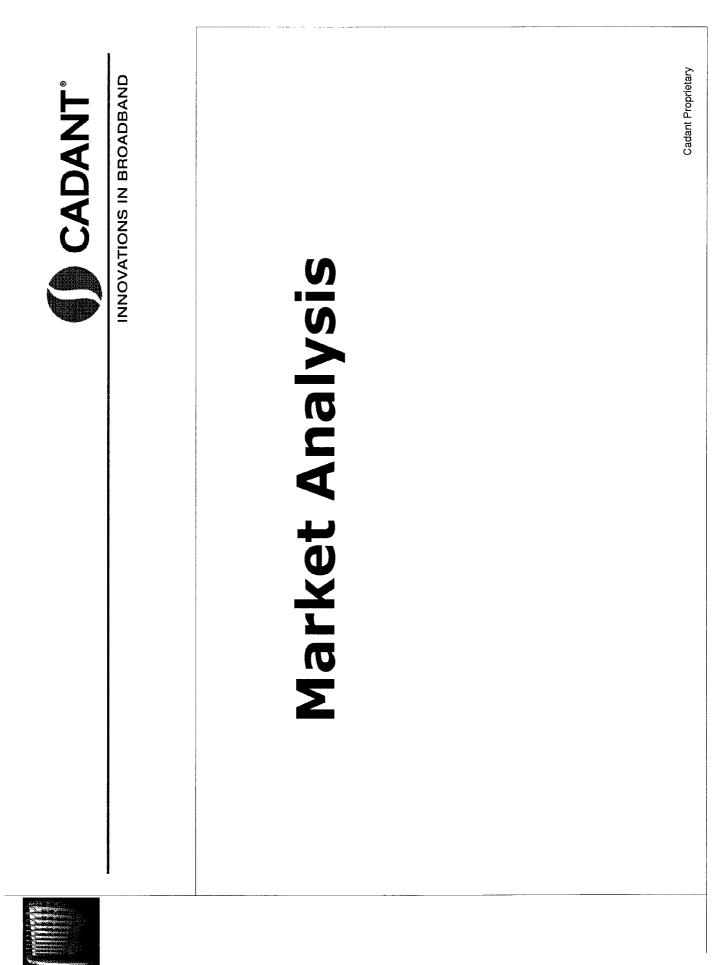
Company Overview	Who We Are	 Cadant is a high-speed networking products company dedicated to bringing Internet and multimedia services to mass markets. 	What We Do Develop scalable, reliable, high-performance, Develop scalable, reliable, high-performance, DOCSIS 1.1 and PacketCable system that bring high-speed broadband data and IP telephony services to mass markets. 	Cadant Proprietary

Company Overview	 Founded in March 1999 Headquarters in Lisle, IL Major sales Offices in Lisle, IL; Denver, CO; remote offices throughout the U.S. Outsource manufacturing in Oklahoma City, OK 	 ancial support \$10 million in individual and angel investors \$13 million venture round with Venrock, H&Q, and Chase Capital Partners \$9 million in lease & equipment financing w/ Comdisco 	 8 employees CEO, CTO, and VP Eng. have over 45 years combined CEO, CTO, and VP Eng. have over 45 years combined telecommunications & broadband data network experience Over 80 engineers Lucent, Bell Labs, Tellabs, 3Com, Westell, US Robotics, Motorola Lucent, Bell Labs, Tellabs, 3Com, Westell, US Robotics, Motorola Company average of ~15 years experience in cable, telecom, gigabit ATM, and router technologies Innovative - 19 patents pending for technology developments 	
Company	 Founded in Founded in Headquart Major sales throughout Outsource 	 Financial suppol \$10 million in in \$13 million vent Partners \$9 million in lea 	 108 employees CEO, CTO, and telecommunicat Over 80 engine Lucent, Bell Company av gigabit ATM, Innovative - 19 	

CADANT [®]	INNOVATIONS IN BROADBAND		VP – Engineering VP – Marketing & Product Mgt			President & CEO General Partner, Venrock Assoc	President, Exeter Lane Assoc.	Managing Director, J.P. Morgan	Cadant Proprietary
Corporate Leadership	Management Team	Venkata Majeti CEO Tom Cloonan CTO	Dan Hickey VP – Engineering Gene Rosendale VP – Marketing &	Kevin Johnson Controller	Board of Directors	Venkata Majeti President & CEO Eric Copeland General Partner,	σ	u	
	1								

ſ

St ⁱ		INNOVATIONS IN BROADBAND
St ⁱ		
St	<u>Technical Advisory Board</u>	
	Stephen Dukes	Former VP, Digital Technology,
	(Chairman)	MediaOne, and TCI
Da	David Bukovinsky	VP, Engineering, Wild Blue; CableLabs
Ŵ	Walter Ciciora	Former CTO, Time Warner Cable
Ž	Nick Hamilton-Piercy	VP, Engineering & Technology Rogers Cable
St	Steve Craddock	VP, Strategic Planning, Comcast
		Cadant Proprietary



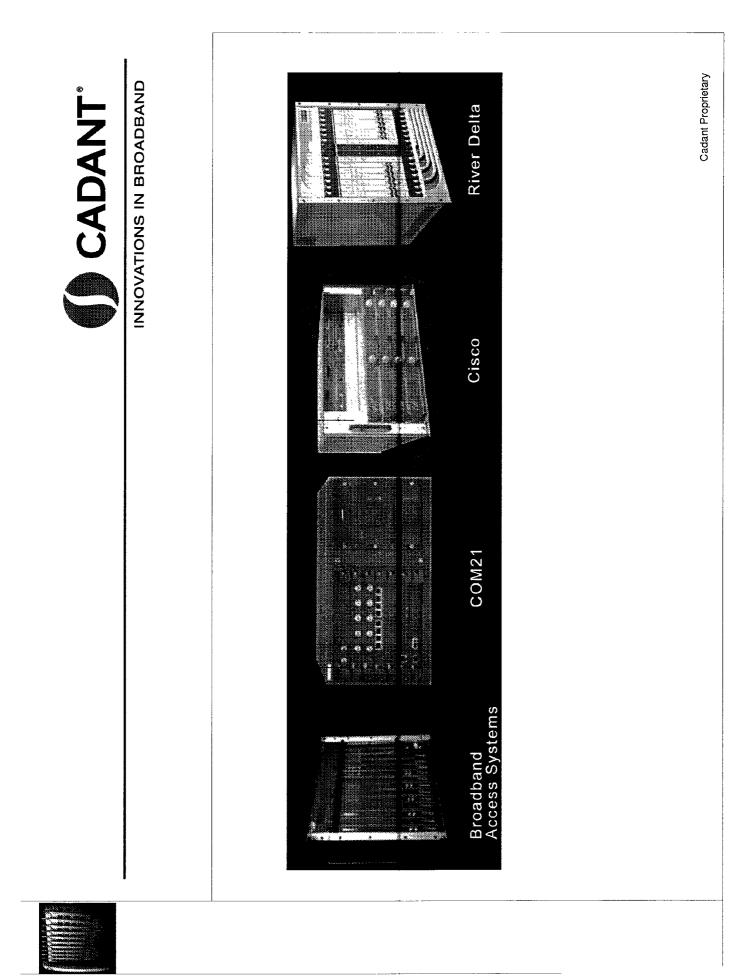
CMTS Market	CADANT [®]
 Highly consolidated target market 	INNOVATIONS IN BROADBAND
 100M Homes passed (HHP) in US 250M HHP in ROW Top 7 US MSOs cover 80% of HHP 	JS HP
 First-Generation products have already Validated the technology Validated DOCSIS standard Validated the market 	ave already
 MSOs growing increasingly more sophisticated about their needs 	more sophisticated
	Cadant Proprietary

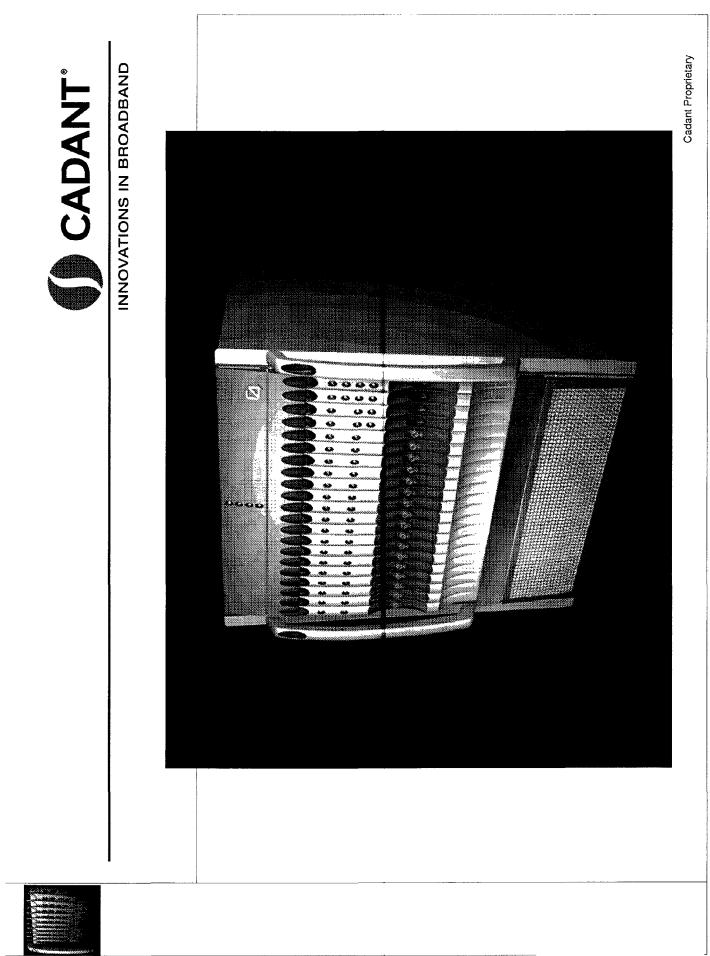
Withold Manual Contraction	CMTS Market
	CMTS market is growing rapidly
	 Key trends in the MSO business Differentiated services (e.g., guaranteed service levels) to segment data subscribers and create greater revenue Cable telephony has proven market penetration and
	 Prontability Move towards IP telephony to reduce costs, streamline ops, and offer killer apps
	 New requirements from MSOs Carrier-grade reliability, higher capacity and scalability, DOCSIS 1.1 QoS and security, and wire speed performance
	 Significant market opportunity Dataquest projects annual worldwide CMTS revenue of \$2.5B in 2003, \$6B cumulative
	 Cadant estimates long term TAM at \$8-12B Estimates of market size have increased over time
	Cadant Proprietary

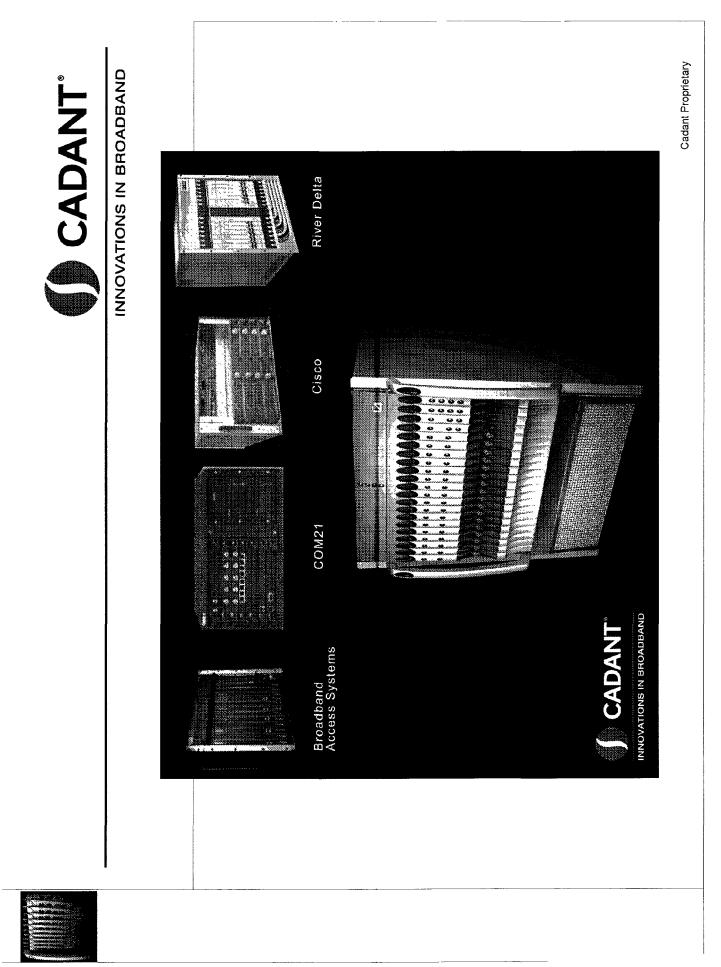
JPM-SO 001420

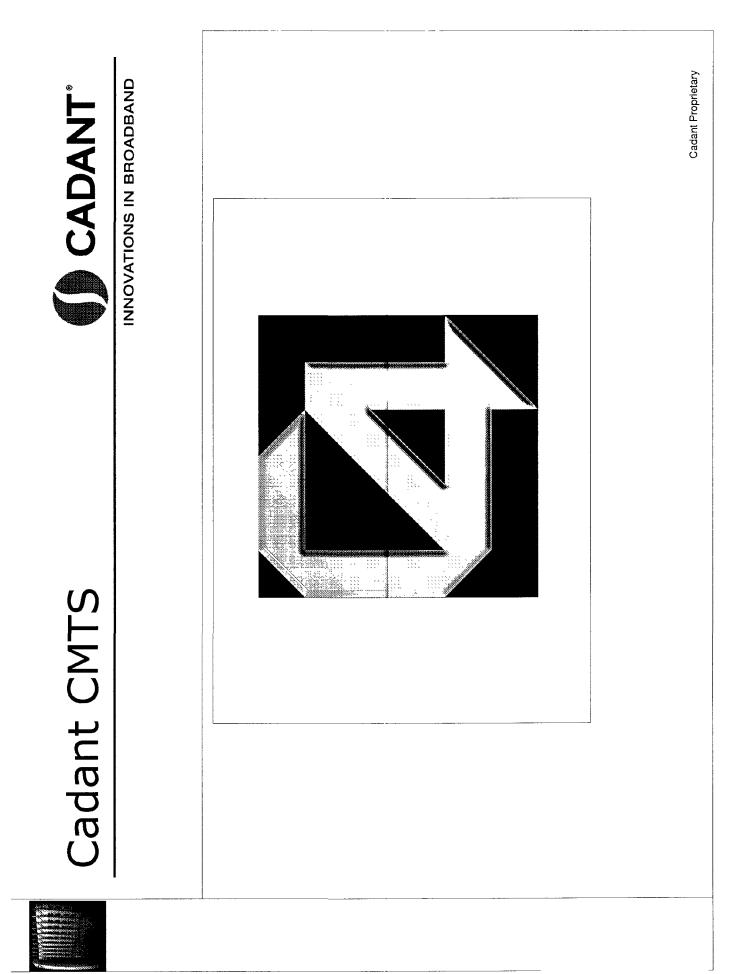


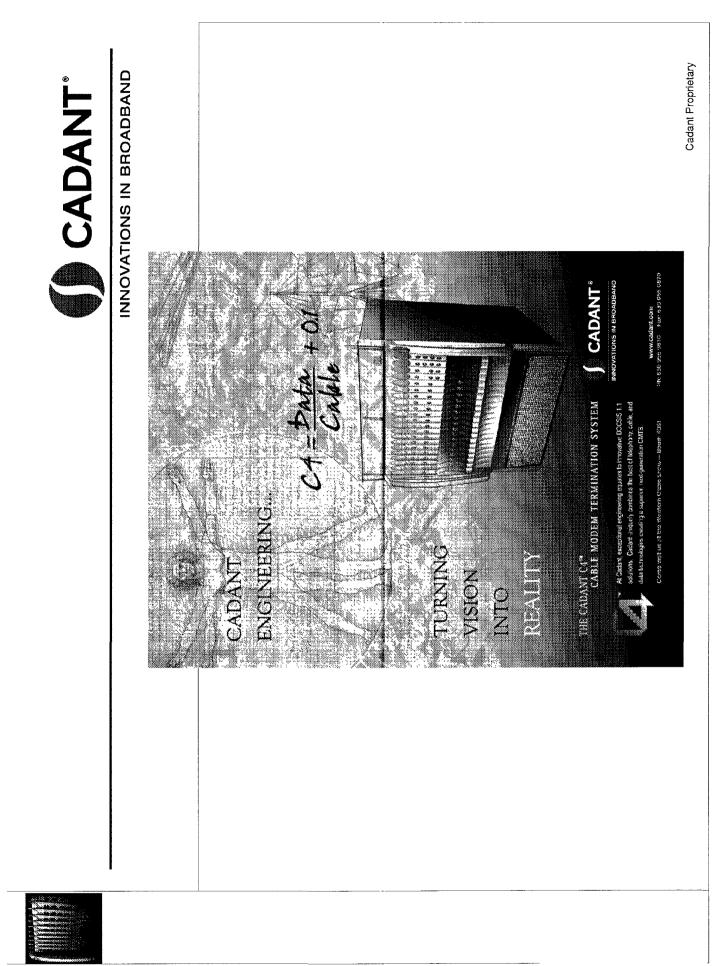
 Target the top 7 US MSOs, top 3 Canadian MSOs, and major U.S. Over builders Provide the strongest DOCSIS 1.1 CMTS offering to the market Launch product at Western Show MSO trials beginning December 2000 Pursue strategic alliances for complete solution offerings in converged high-speed data and IP telephony Leverage trials and CableLabs for validation Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS support Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Target the top 7 US MSOs, top 3 Cana major U.S. Over builders Provide the strongest DOCSIS 1.1 CM market Provide the strongest DOCSIS 1.1 CM market Launch product at Western Show MSO trials beginning December 2000 Pursue strategic alliances for completin converged high-speed data and IP Leverage trials and CableLabs for vali Establish PacketCable Customer Trial Follow quickly with EuroDOCSIS supp Exploit platform for derivative produc Broadband sectors, e.g., fixed wireles 	
 Target the top 7 US MSOS, top 3 Canadian MSOS, and major U.S. Over builders Provide the strongest DOCSIS 1.1 CMTS offering to the market Launch product at Western Show Launch product at Western Show MSO trials beginning December 2000 Pursue strategic alliances for complete solution offerings in converged high-speed data and IP telephony Leverage trials and CableLabs for validation Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS support Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Target the top 7 US MSOS, top 3 Cana major U.S. Over builders Provide the strongest DOCSIS 1.1 CM market Provide the strongest DOCSIS 1.1 CM market Launch product at Western Show MSO trials beginning December 2000 Pursue strategic alliances for completing converged high-speed data and IP in converged high-speed data and IP Leverage trials and CableLabs for vali Establish PacketCable Customer Trial Follow quickly with EuroDOCSIS supp Exploit platform for derivative product Broadband sectors, e.g., fixed wireles 	
 Provide the strongest DOCSIS 1.1 CMTS offering to the market Launch product at Western Show MSO trials beginning December 2000 Pursue strategic alliances for complete solution offerings in converged high-speed data and IP telephony Leverage trials and CableLabs for validation Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS support Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Provide the strongest DOCSIS 1.1 CM market Launch product at Western Show MSO trials beginning December 2000 Pursue strategic alliances for completin converged high-speed data and IP Leverage trials and CableLabs for vali Establish PacketCable Customer Trial Follow quickly with EuroDOCSIS supp Exploit platform for derivative produc Broadband sectors, e.g., fixed wireles 	allaulall MOOS, allu
 Launch product at Western Show MSO trials beginning December 2000 Pursue strategic alliances for complete solution offerings in converged high-speed data and IP telephony Leverage trials and CableLabs for validation Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS support Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Launch product at Western Show MSO trials beginning December 2000 Pursue strategic alliances for completin converged high-speed data and IP Leverage trials and CableLabs for vali Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS supp Exploit platform for derivative produce Broadband sectors, e.g., fixed wireless 	. CMTS offering to the
 Pursue strategic alliances for complete solution offerings in converged high-speed data and IP telephony Leverage trials and CableLabs for validation Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS support Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Pursue strategic alliances for completin converged high-speed data and IP Leverage trials and CableLabs for vali Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS supp Exploit platform for derivative produce Broadband sectors, e.g., fixed wireles 	
 Leverage trials and CableLabs for validation Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS support Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Leverage trials and CableLabs for vali Establish PacketCable Customer Trial Follow quickly with EuroDOCSIS supp Exploit platform for derivative produc Broadband sectors, e.g., fixed wireles 	iplete solution offerings I IP telephony
 Establish PacketCable Customer Trials Follow quickly with EuroDOCSIS support Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Establish PacketCable Customer Trial Follow quickly with EuroDOCSIS supp Exploit platform for derivative produc Broadband sectors, e.g., fixed wireles 	validation
 Follow quickly with EuroDOCSIS support Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Follow quickly with EuroDOCSIS supp Exploit platform for derivative produc Broadband sectors, e.g., fixed wireles 	rials
 Exploit platform for derivative products in other Broadband sectors, e.g., fixed wireless and DSL 	 Exploit platform for derivative produce Broadband sectors, e.g., fixed wireles 	support
		oducts in other eless and DSL







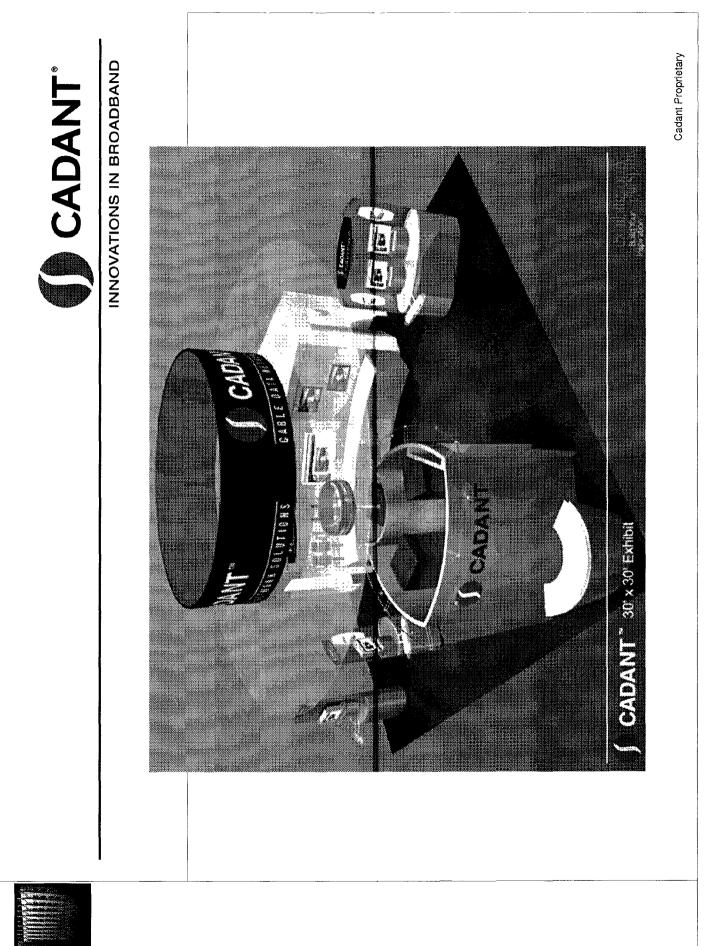




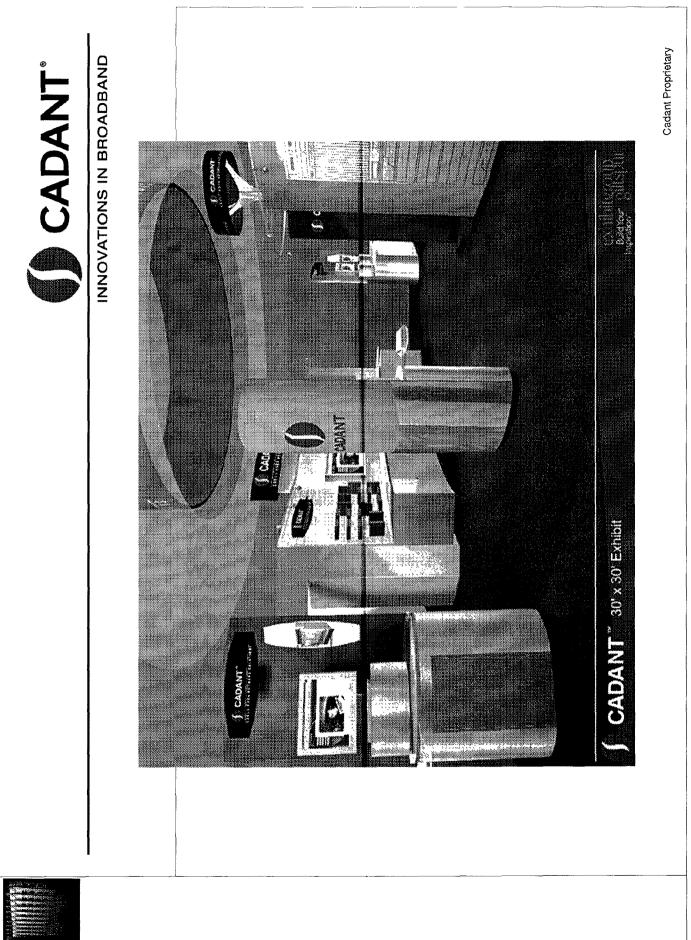
CADANT[®]

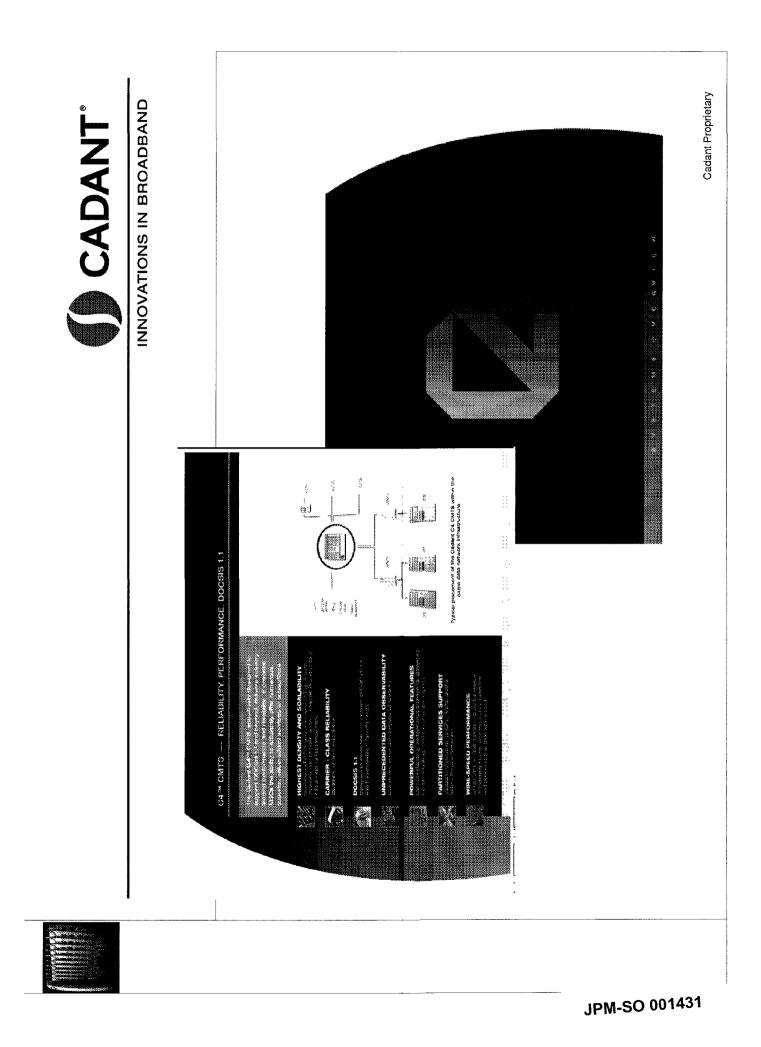
Western Cable Show Advertising & Promotion Plan -

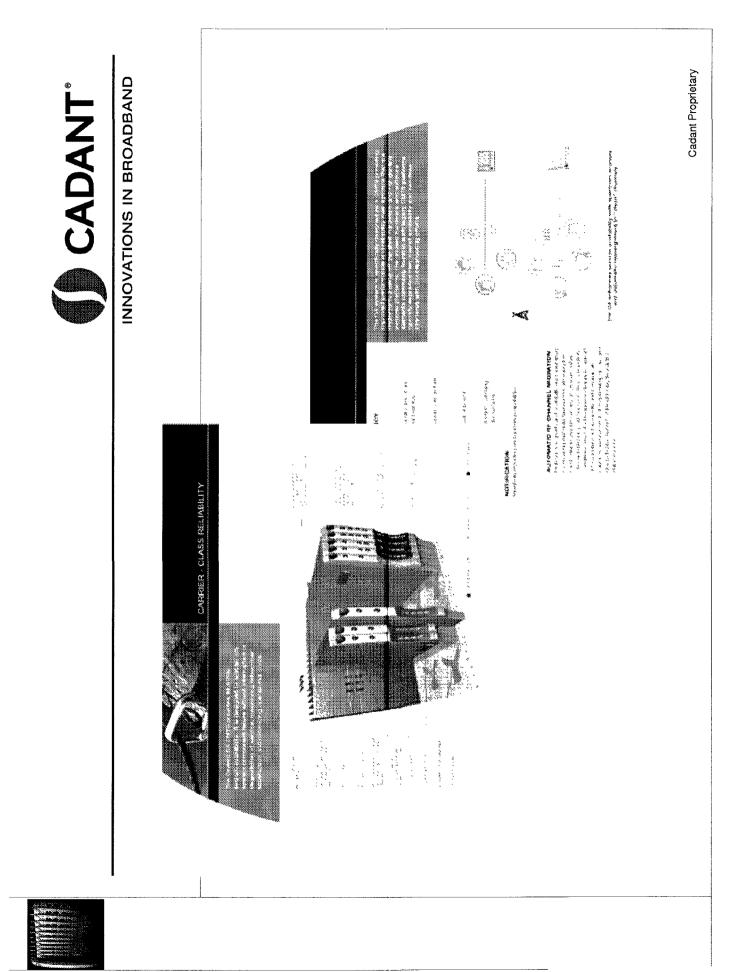
CED	(Nov.issue) (Dec.issue)	Western Show preview issue Western Show issue, includes bonus distribution at the show
(Oct.30 issue) (Nov.27 issue) (Nov.27 issue)	(Oct.30 issue) (Nov.20 issue) (Nov.27 issue)	Western Show preview issue Western Show issue, includes bonus distribution at the show
Cablevision (Nov.27 issue)	(Nov.27 issue)	Western Show issue, includes bonus distribution at the show
Cablevision Blue Book	Cablevision Blue Book	Western Show daily supplement
Communications Technology	(Nov. issue) (Dec. issue)	Western Show preview issue Western Show issue, includes bonus distribution at the show
CableWorld (Nov.20 issue) (Nov.27 issue)	(Nov.20 issue) * (Nov.27 issue)	Western Show preview issue Western Show issue, includes bonus distribution at the show
BROADCASTING CABLE	(Nov.27 issue)	Western Show issue, includes bonus distribution at the show

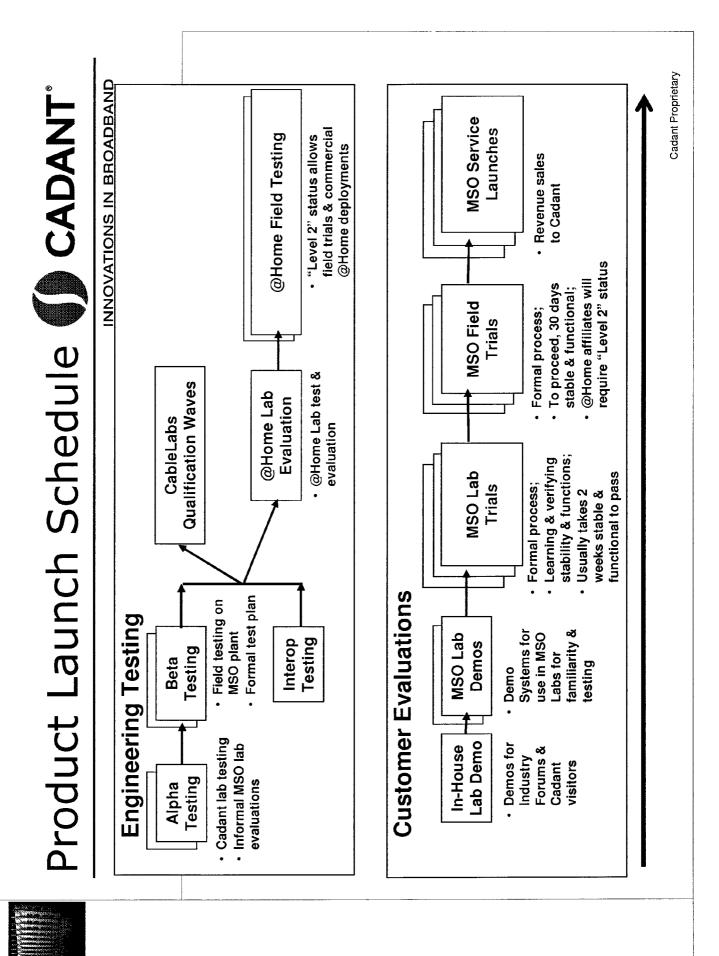


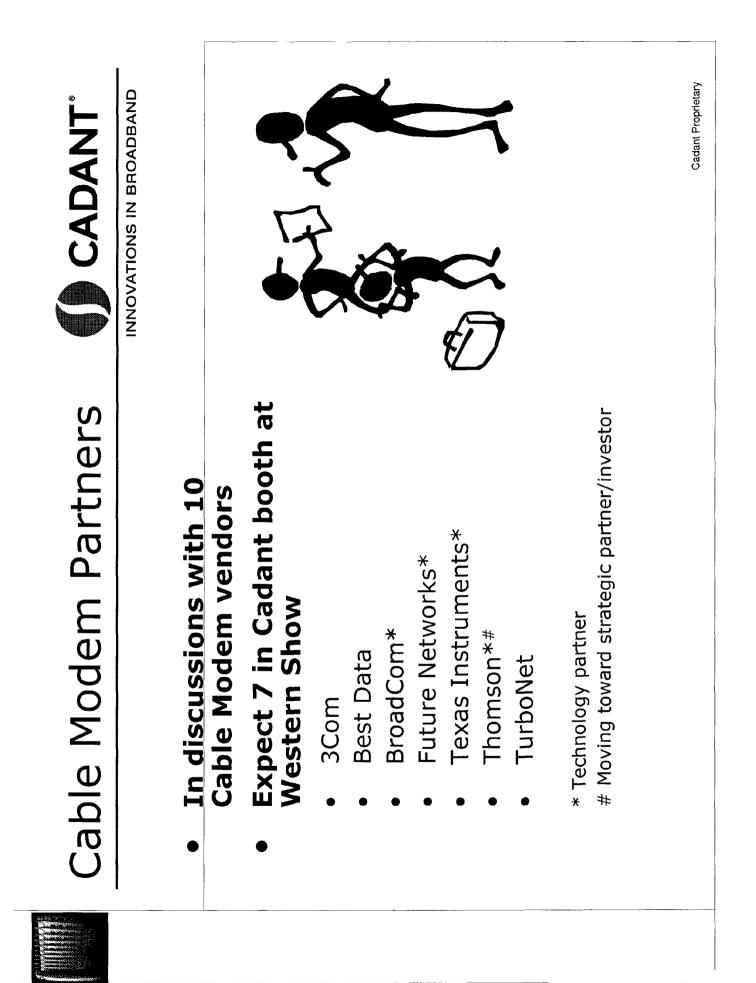
JPM-SO 001429







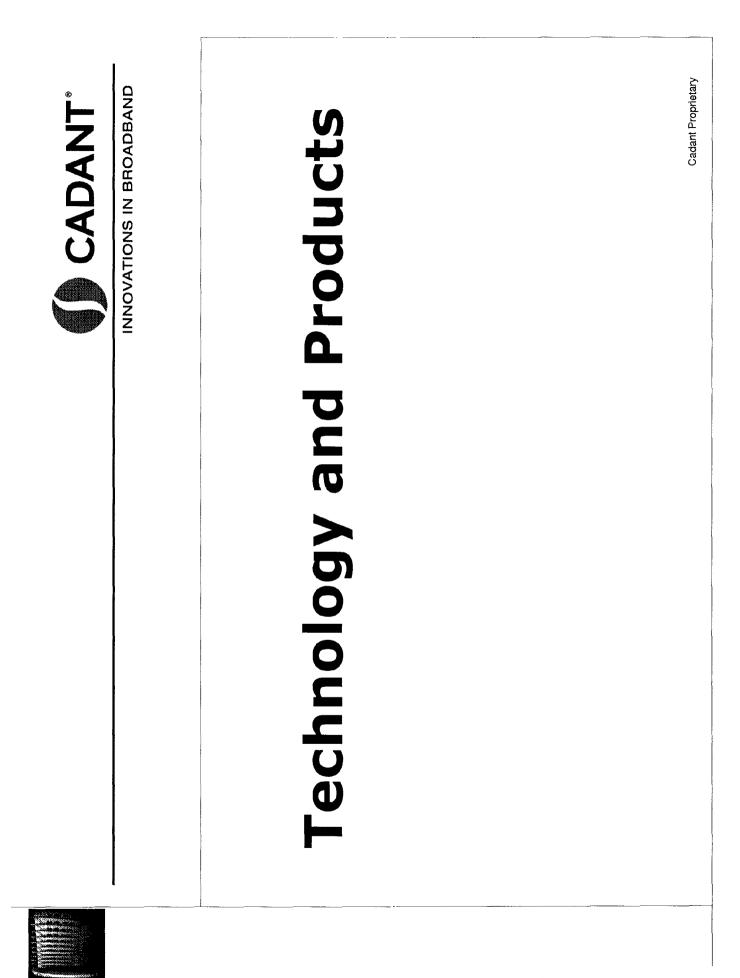


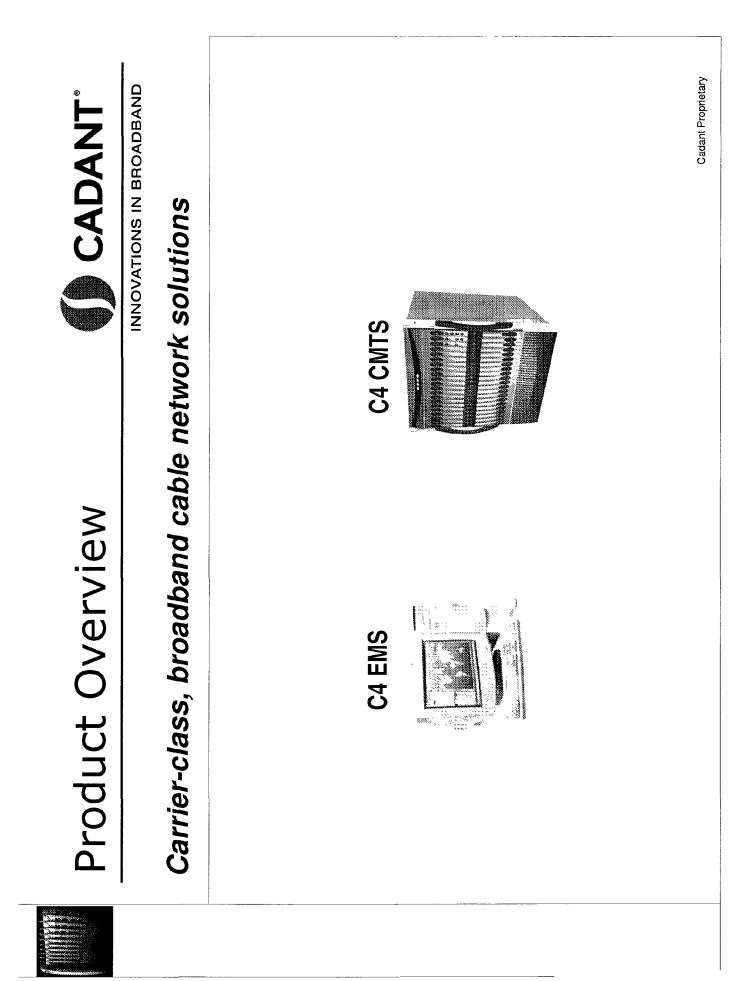


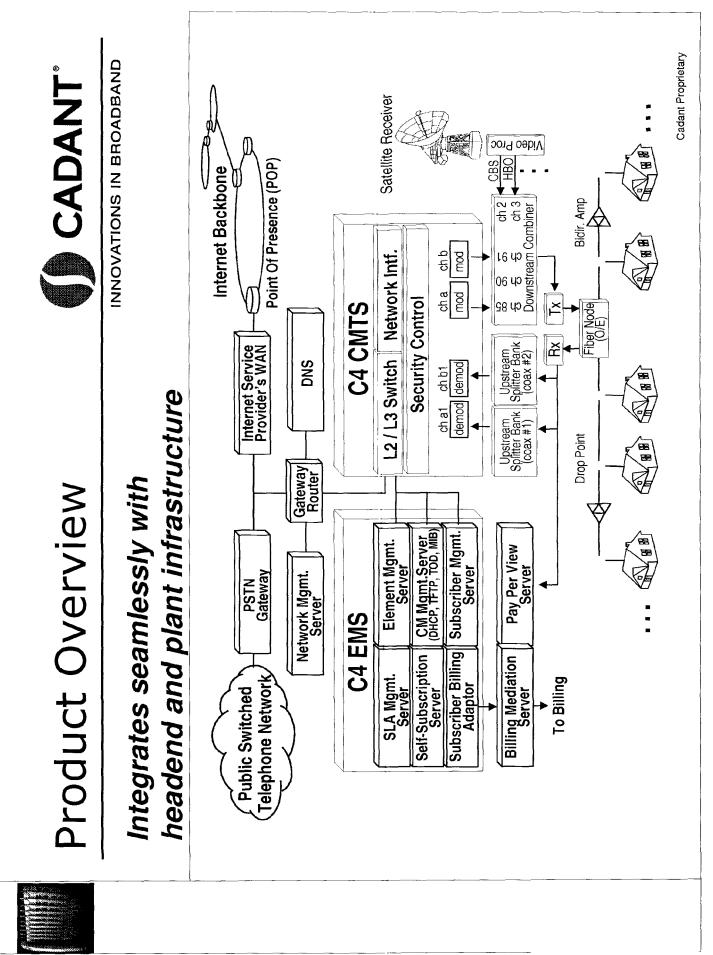
CADANT [®]	INNOVATIONS IN BROADBAND				Cadant Proprietary
Operations System Partners	Have investigated 8 OS vendors	 Expect 2 in Cadant booth at Western Show Core Networks* Brings Cox deployment 	 BroadJump Defacto CPE provisioning system Brings 1M license contract with TW 	* Technology partner	

CADANT [®] CADANT [®]		Cadant Proprietary
PacketCable Partners	 Have investigated 8 vendors in the areas of in the areas of in the areas of in the areas of and IPDT Call Agents (both stand alone and IPDT) SS7 Signaling Agents Expect 2 in Cadant booth at Western Show for live PacketCable Demo Future Networks* General Bandwidth** 	

.

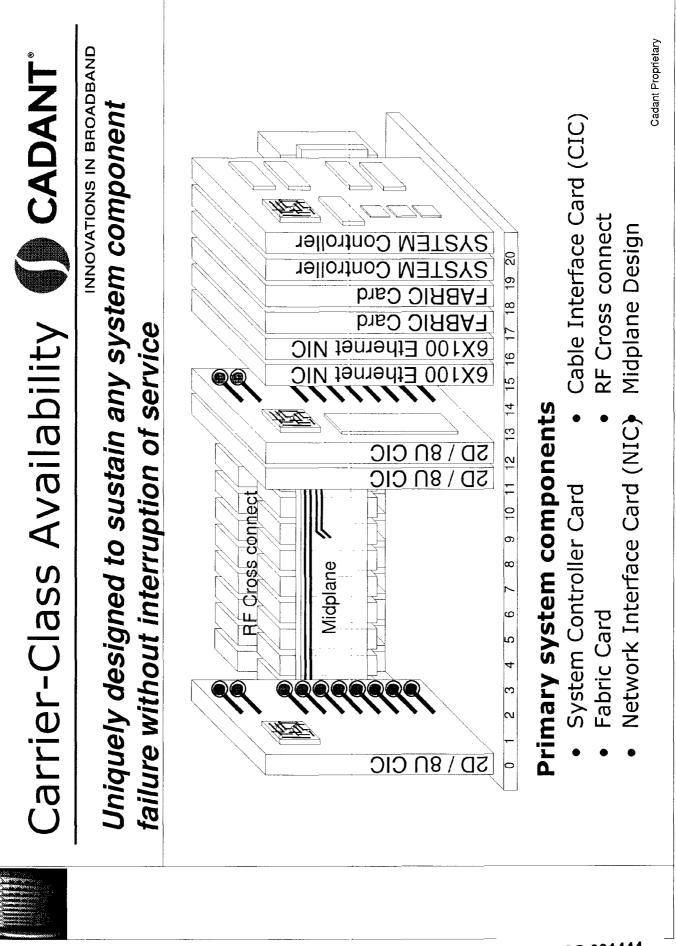


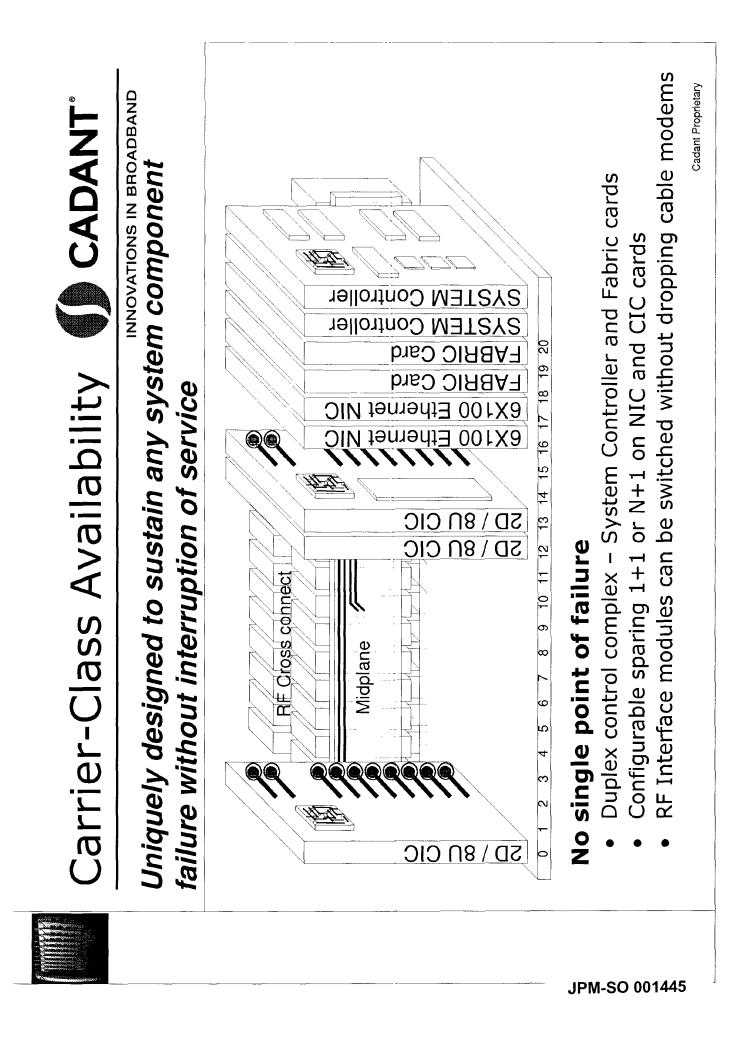


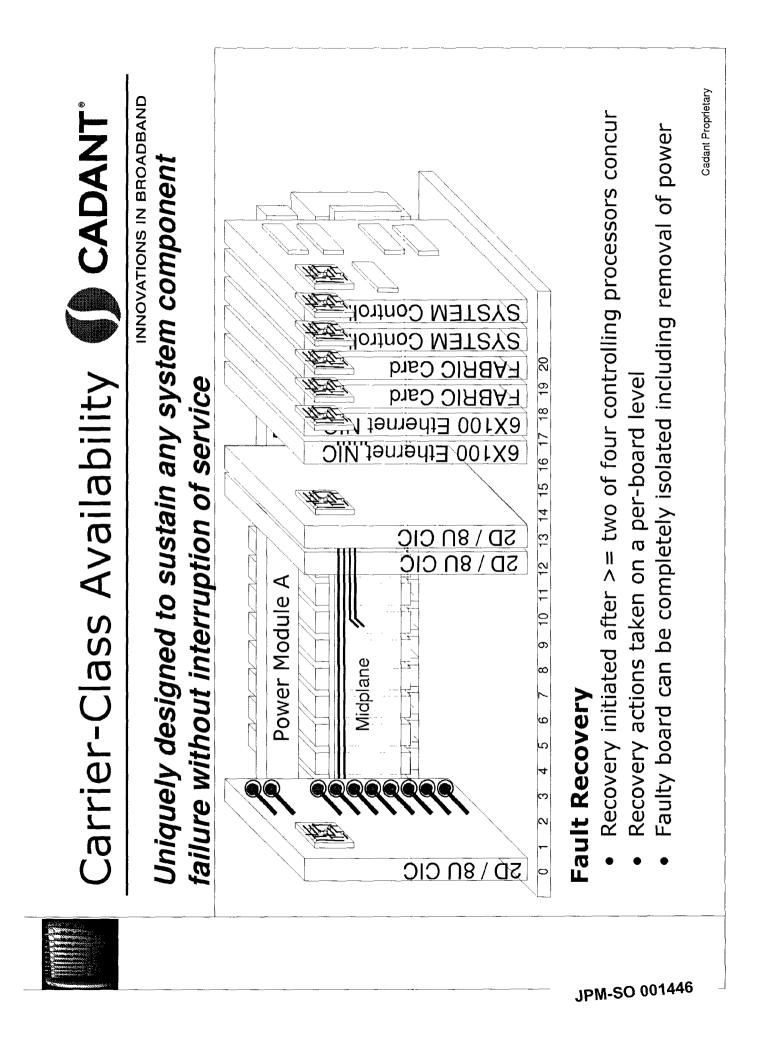


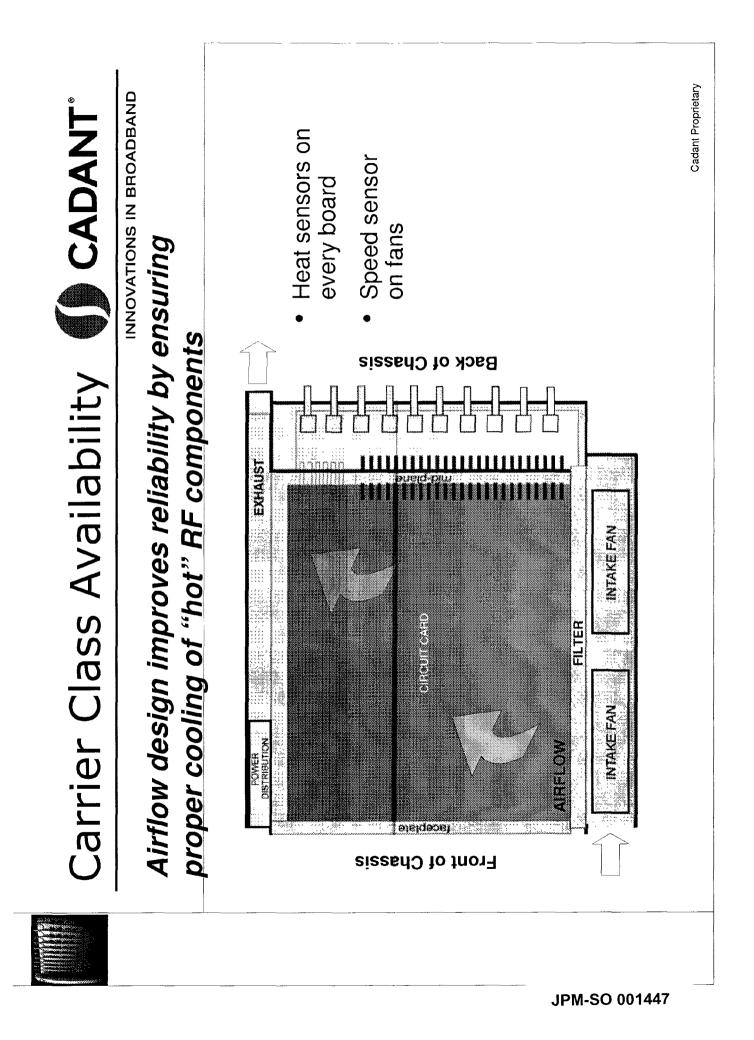
	Supports subscriber growth with the highest density and scalability offered in the Industry	 Maximum Density Up to 32 downstream and 128 upstream channels per chassis Three chassis per standard 7ft. high, 19" wide rack Total of up to 96 downstream and 384 upstream channels per rack Reduces Headend Maintenance Complexity Reduces Inter-shelf cabling Promotes lower installation, operational, and ongoing maintenance costs 	Cadant Proprietary
High Density	Supports subscriber growth with the and scalability offered in the Industry		
		JPM-SO 001	1442

C4 TM CMTS Key Features 🌖 CADANT	INNOVATIONS IN BROADBAND	 High Density & Flexible Scalability 	 Carrier-Class Availability 	 Wire-Speed QoS and Observability 	 Carrier-Class Operational Capabilities 	Flexible Architecture		Cadant Proprietary
							JPM-SO 00144	.3 -









C4 TM CMTS Key Features 👀 CADANT®	 High Density & Flexible Scalability Carrier-Class Availability 	 Wire-Speed QoS and Observability 	 Carrier-Class Operational Capabilities 	Flexible Architecture		Cadant Proprietary
--	---	--	--	-----------------------	--	--------------------

 Hardware-based implementation Wire-Speed Defined Wire-Speed Defined The execution of all packet-level processing in less time than the shortest possible inter-packet arrival time; even when the system is 100% loaded with sustained 64-byte packets Unprecedented wire-speed capabilities DoCSIS 1.1 Quality-of-Service elements (required or optional) Beyond DOCSIS - All counts for billing, performance monitoring, trouble shooting, traffic engineering Unprecedented usage of system traffic data 	AND THE REAL	Wire-Speed QoS and CADANT
 Wire-Speed Defined The execution of all packet-level processing in less time than the shortest possible inter-packet arrival time; even when the system is 100% loaded with sustained 64-byte packets Unprecedented wire-speed capabilities DOCSIS 1.1 Quality-of-Service elements (required or optional) Beyond DOCSIS - All counts for billing, performance monitoring, trouble shooting, traffic engineering Unprecedented usage of system traffic data 		plementation
 The execution of all packet-level processing in less time than the shortest possible inter-packet arrival time; even when the system is 100% loaded with sustained 64-byte packets Unprecedented wire-speed capabilities DOCSIS 1.1 Quality-of-Service elements (required or optional) Beyond DOCSIS - All counts for billing, performance monitoring, trouble shooting, traffic engineering Unprecedented usage of system traffic data 		 Wire-Speed Defined
 Unprecedented wire-speed capabilities DOCSIS 1.1 Quality-of-Service elements (required or optional) Beyond DOCSIS - All counts for billing, performance monitoring, trouble shooting, traffic engineering Unprecedented usage of system traffic data 		 The execution of all packet-level processing in less time than the shortest possible inter-packet arrival time; even when the system is 100% loaded with sustained 64-byte packets
 DOCSIS 1.1 Quality-of-Service elements (required or optional) Beyond DOCSIS - All counts for billing, performance monitoring, trouble shooting, traffic engineering Unprecedented usage of system traffic data 		 Unprecedented wire-speed capabilities
 Beyond DOCSIS - All counts for billing, performance monitoring, trouble shooting, traffic engineering Unprecedented usage of system traffic data 		 DOCSIS 1.1 Quality-of-Service elements (required or optional)
 Unprecedented usage of system traffic data 		 Beyond DOCSIS - All counts for billing, performance monitoring, trouble shooting, traffic engineering
		 Unprecedented usage of system traffic data
		Cadant Proprietary

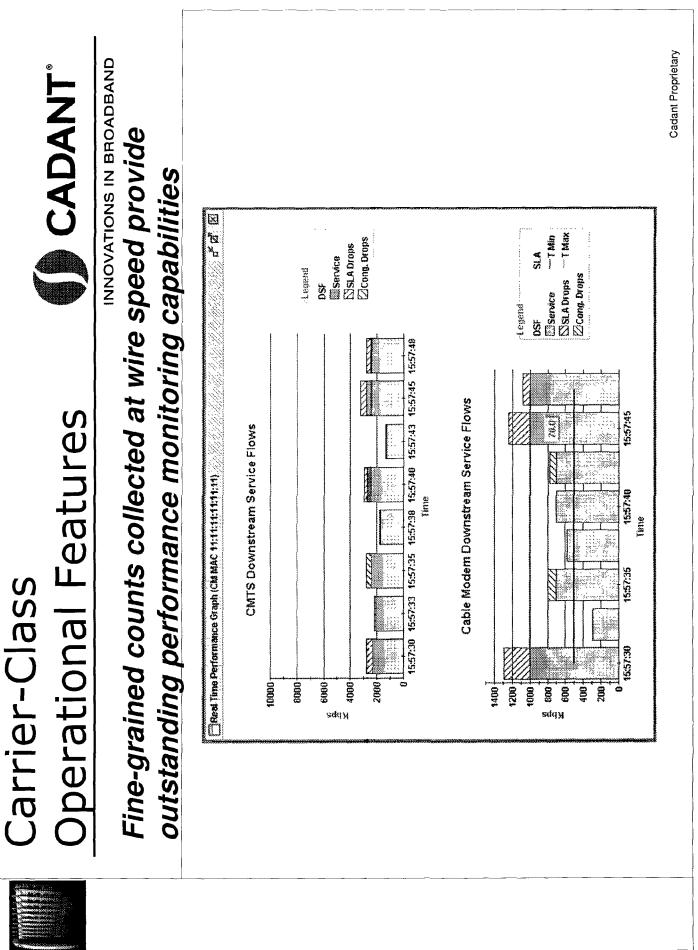
Wire-Speed QoS and CADANT Observability	Enable new subscriber services and enhance revenue opportunities	 Full DOCSIS 1.1 Compliance – Required and Optional 	 Multiple upstream service types (i.e., UGS, UGS/AD, rtPS, nrtPS, BE) 	 Downstream packet classifiers 	 Payload header suppression (PHS) 	 Upstream packet fragmentation 	 Upstream packet concatenation 	 Differentiated service class support 	Service flow policing	 Security enhancements (BPI+) 	Advanced MIB support	Cadant Proprietary
Wire-Spee Observabil	Enable new sub enhance revenu	Full DOCSI	Multiple u (i.e., UG)	Downstree	 Payload h 	 Upstream 	 Upstream 	Differentia	Service flo	 Security e 	 Advanced 	

Nework Side Fabric Subscriber side Outwork Side Fabric Subscriber side Nework Side Fabric Subscriber side Infl-Services Fabric Subscriber side Infl-Services Fabric Subscriber side Infl-Services Fabric Subscriber side Infl-Services Fabric Subscriber side Infl-Service Fabric Subscriber side Infl-Service Fabric Per-flow Infl-Service Fabric Subscriber side Infl-Service Fabric Subscriber side Infl-Service Fabric Subscriber side Infl-Service Fabric Subscriber side Infl-Service Fabric Per-flow Infl-Service Said 4 information) Inflicting flow Information WRED congestion control based on flow Information Information WRR) Fine-grain activity sensitive congestion Priority-based queuing - 384 queues Priority-based scheduling (combining wRR) Priority-based scheduling (combining wRR) Priority and Self Adjusting wRR	Nine-specu, content-aware packet processing guarantees delivery of differentiated services Nuncespecu, content-aware packet processing guarantees delivery of differentiated services
	Cadant Proprietary

(



CADANT [®]	INNOVATIONS IN BROADBAND vith powerful oint failures		CO	t faults using HFC	recisely direct truck rolls to faulty		Cadant Proprietary
Carrier-Class Operational Features	Historical information combined with powerful troubleshooting applications pinpoint failures	 Advanced maintenance GUI 	 Alarm / error condition notification Supports multiple CMTSs MIBS browser 	 Pinpoints intermittent plant faults using HFC plant view 	 MSOs can precisely direct locations 		
						IPM-SO 001454	



Carrier-Class Operational Features

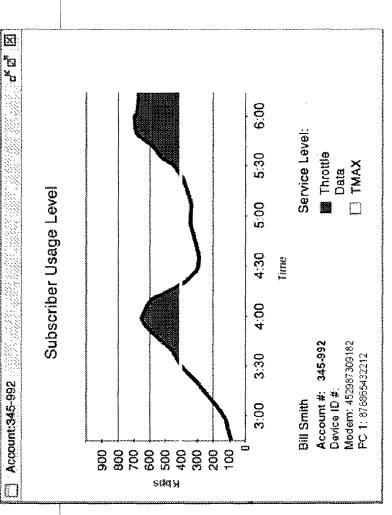




. Customer calls in about slow service at 5:45 PM on Monday.



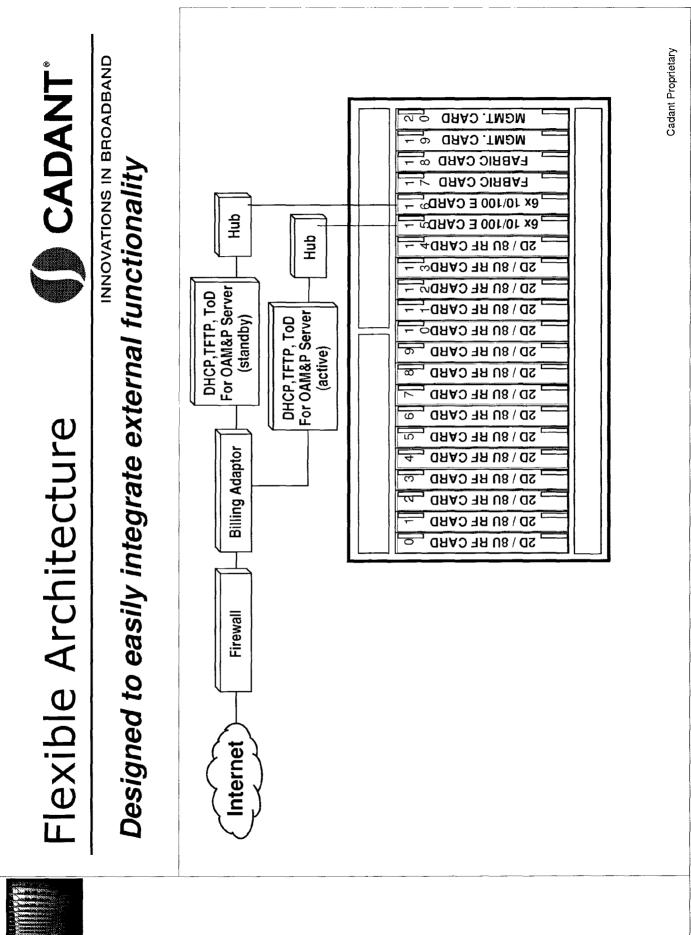
 MSO customer service representative immediately has access to customer specific data.

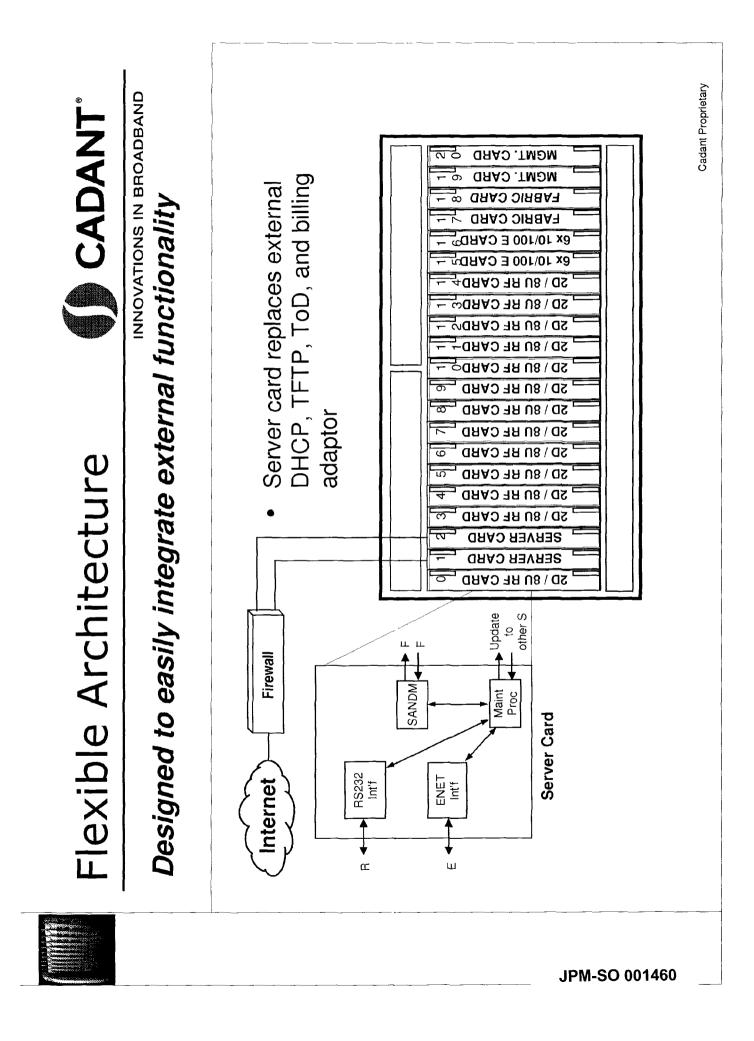


 Based on subscriber usage information, the CSR tells the customer that their actual data usage exceeded their service level. In order to get more bandwith they need to upgrade service levels. Cadant Proprietary

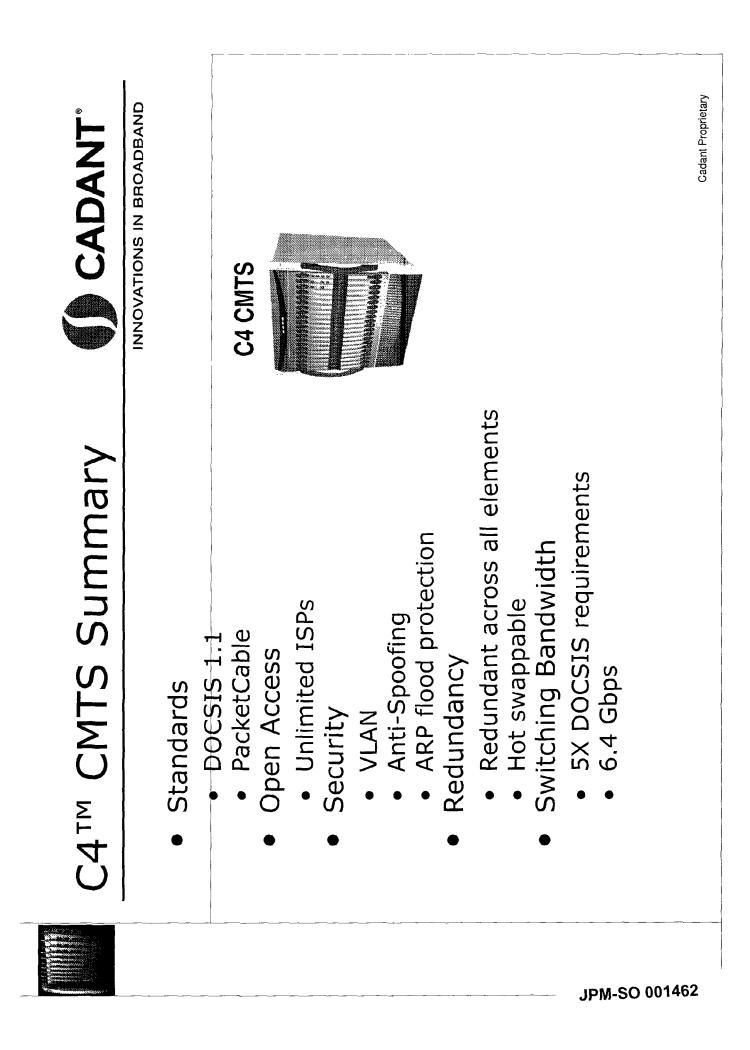
C4 TM CMTS Key Features () CADANT INVARIANCE IN BRIADAND High Density & Flexible Scalability Carrier-Class Availability Wire-Speed QoS and Observability Wire-Class Operational Carrier-Class Operational Carrier-Class Operational Carrier-Class Operational Carrier-Class Operational Carrier-Class Operational Carrier-Class Operational Carrier-Class Operational
 Cadant Proprietary

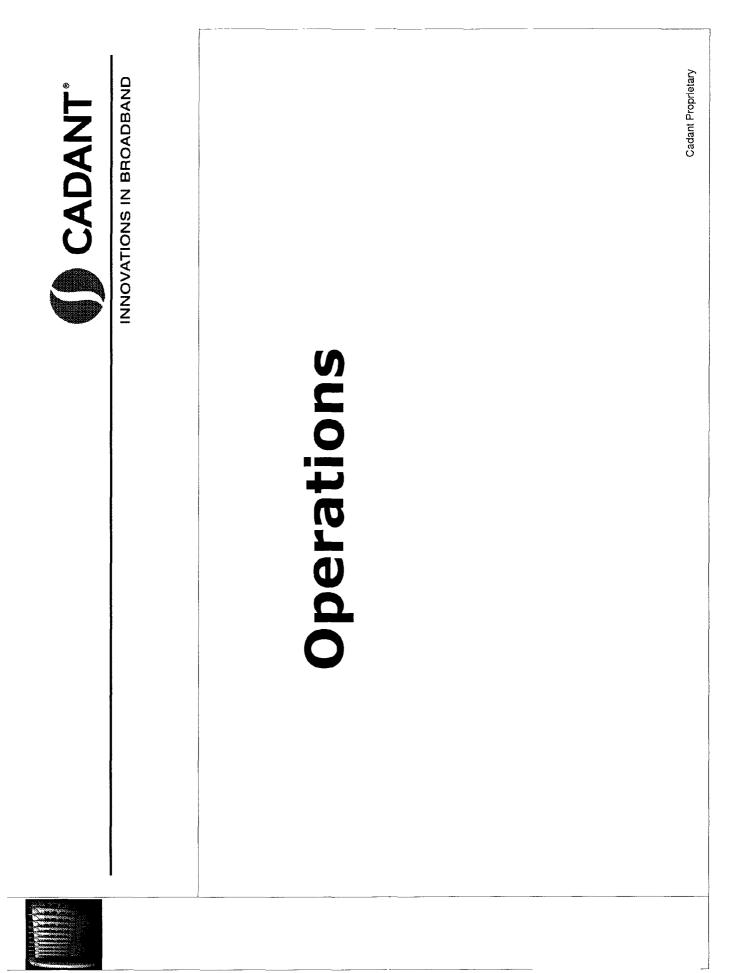
CADANT [®]	INNUVATIONS IN BHOADBAND	gradeable	ty of future	routers		Cadant Proprietary
Flexible Architecture	Designed to easily integrate external functionality	 FPGA logic and software is field upgradeable 	 Architected to support a wide variety of future applications 	 Integration of external servers and routers 		
					 JPM-SO	001458





ANT	BROADBAND															Cadant Proprietary	
C4 TM CMTS Summary 🌖 CADANT	INNOVATIONS IN BROADBAND	 Scalability 	32 Downstream Channels	 128,000 maximum subscribers* 	Density	 21 Slot Chassis 	 3 Chassis per 7 foot rack 	Carrier Class	Flexibility	 1D/4U, 1D/8U, 2D/2U, 2D/6U, 2D/8U 	 Multiple network interface cards 	 HW based wire speed processing 	 Quality of Service (QoS) 	 Per flow classification / queuing (384 queues) 	Beyond DOCSIS 1.1		A,000 subs per downstream
	1															č (, 4,UU



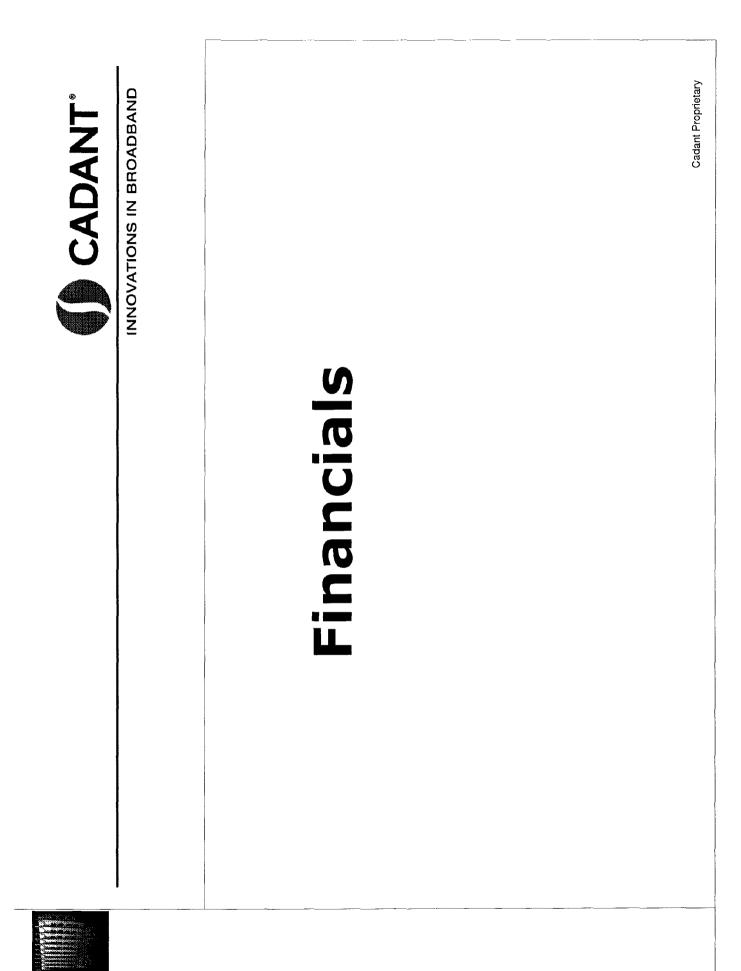


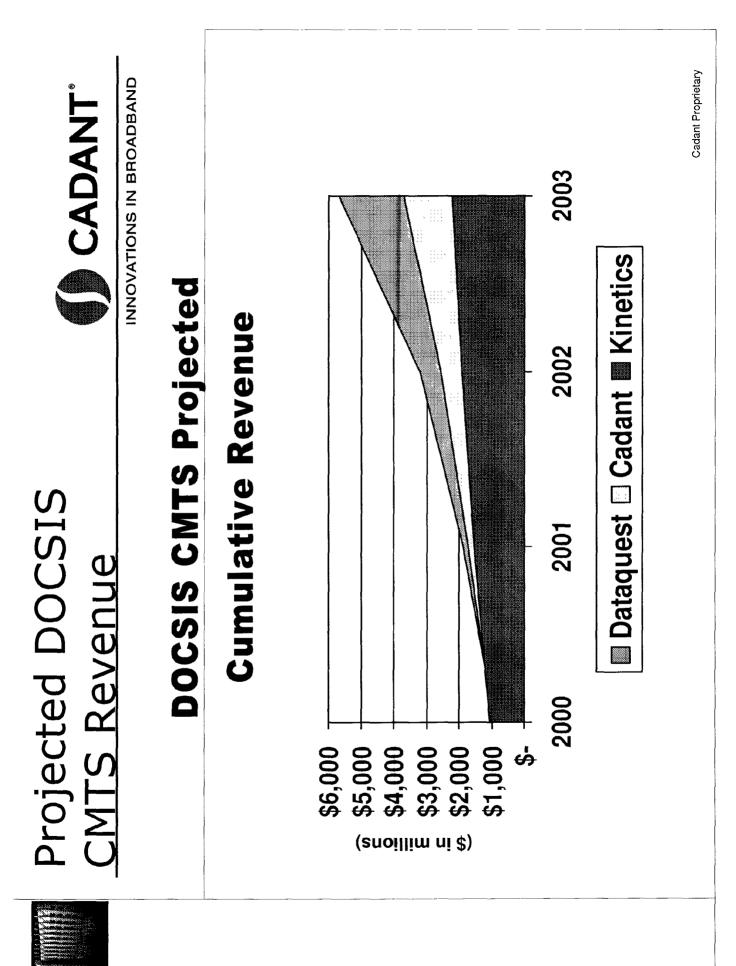
Manufacturing	INNOVATIONS IN BROADBAND Partnership with Hitachi as contract manufacturer	Hitachi handles:	Parts procurement Verification	Manufacturing Shipment	Warranty servicing	Cadant provides design release package with requisite information for final production	Straightforward, minimal cost separation arrangement	
Manuf	Partnersh	• Hita	• •	• • • ∑ <u>0</u>	•	 Cada requ 	 Stra arra 	

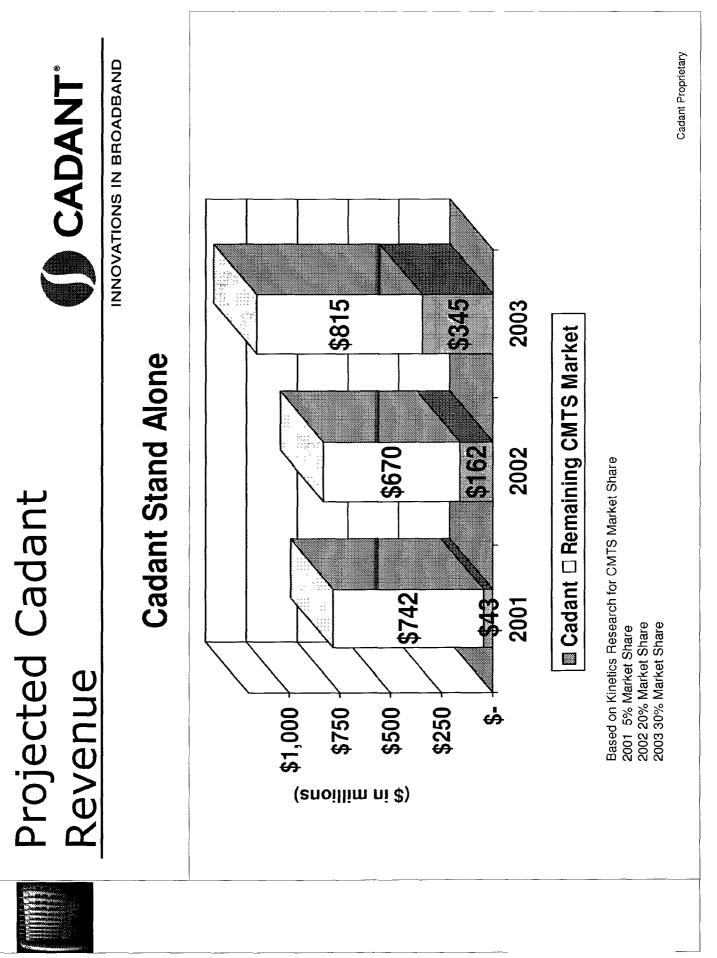
CADANT [®]	INNOVATIONS IN BROADBAND bilities available to Cadant	ft facility for warehousing, testing, shipping, and support	MT lines (3 production and 1 prototype) Fine pitch component capabilities to 0.3mm BGA capability (600 pin) no-clean capability	est capabilities CT) Life Test (HALT) abilities.	Cadant Proprietary
Manufacturing	Hitachi manufacturing capabilities available to Cadant	 160,000 sq ft facili production, testing 	 4 SMT lines (3 productio Fine pitch component caj BGA capability (600 pin) no-clean capability 	 Multiple product test capabilities In Circuit Testing (ICT) Highly Accelerated Life Test (HALT) Application test capabilities. 	

Supply Chain Management Contain	Component supplier quality is critical to product quality assurance	 Hitachi and component suppliers involved in 	 Parts management/availability handled by Hitachi and component supplier Special consideration to long lead parts 	
Sul Ra	Com quali	•	 •	JPM-SO 00146

CADANT [®] CADANT [®]		Cadant Proprietary
	g Lab	
	neering Tour	
	E D G	







 Gen-2 lifecycle Competitively positioned versus BAS and RiverDelta particularly before they get traction Competitively positioned versus BAS and RiverDelta particularly before they get traction Scalability attractive to all MSOs as their penetration increases Carrier grade product attractive to all MSOs as they eye PacketCable Enhanced observability data enables new revenue opportunities Codent seeks business relationships that offer 	 Iucrative telephony market space On path to become <u>the</u> leading CMTS vendor throughout 		 85 highest caliber engineers recruited locally from Lucent, Motorola, 3Com, Tellabs 	Summary CADANT
---	---	--	---	----------------



Corporate Leadership

Management Team

CEO	Venkata Majeti	630-799-1250	venkata@cadant.com
СТО	Tom Cloonan	630-799-1286	tom@cadant.com
Controller	Kevin Johnson	630-955-9840	kjohnson@cadant.com
VP – Engineering	Dan Hickey	630-799-1287	dan@cadant.com
VP – Marketing &	Gene Rosendale	630-955-9840	gene@cadant.com
Product Mgt			

Board of Directors

Venkata Majeti	СЕО	630-799-1250	venkata@cadant.com
Eric Copeland	General Partner,	650-561-9079	esc@venrock.com
	Venrock Assoc		
Mark Rochkind	Exeter Lane	973-538-5597	mrochkind@worldnet.att.net
	Assoc		
Jay Vohra	President & CEO,	312-345-1022	info@isourcing.com
	Isourcing		
Randy Lyon	Managing	312-541-3370	lyon_randolph@jpmorgan.com
	Director, J.P.		
	Morgan		

Technical Advisory Board

Stephen Dukes (Chairman)	Former VP, Engineering, MediaOne	303-858-3285	stephandukes@mindspring.com
David Bukovinsky	VP, Engineering, Wild Blue	720-554-7400	dbukovinsky@isky.net
Walter Ciciora	Former, CTO, Time Warner Cable	203-259-5183	wciciora@aol.com
Steve Craddock	VP, Engineering, Comcast	215-981-7838	scraddock@comcastpc.com
Nick Hamilton- Piercy	VP, Engineering, Rogers Cable	416-935-4828	npiercy@rci.rogers.com



Company Overview:

Cadant, founded in May 1998 and located in Lisle, Illinois is a leading developer of next-generation multiservice IP-based cable modem termination systems ("CMTS"). The Company currently has approximately 110 employees, 80 of whom are engineers. The Company has successfully developed an advanced nextgeneration cable networking solution called the C4 to provide more reliable service and enhanced offerings to cable subscribers. C4 provisions a higher degree of integration and performance with features such as flow control, scheduling, and policing, to allow simultaneous transmission of voice, data and video. The C4 is a high-density system that is capable of 128 upstream channels and 32 downstream channels per chassis. The product is capable of sending and receiving voice and data packets over cable in compliance with CableLabs' DOCSIS v1.1 standard. DOCSIS v1.1 optimizes cable bandwidth utilization and supports multiple classes of service as well as real-time service flows needed for applications such as voice and streaming video. The C4 is also compliant with PacketCable 1.0, which is necessary to qualify for carrier-class VoIP services. At present, the Company intends to begin trials with multiple system operators ("MSO") in the fourth quarter of 2000.

Industry Background: The next-generation CMTS industry is poised for considerable growth as cable network operators continue to aggressively upgrade their hybrid fiber coaxial ("HFC") infrastructure to complete the two-way cable build-out. About 45% of the cable plant has already been upgraded to HFC. During 1999, there was \$340 million in revenue generated from CMTS shipments worldwide, representing 170% growth rate over the previous year. According to Dataquest, worldwide revenue for the CMTS equipment market is expected to grow to more than \$2.5 billion by the end of 2003. This significant industry growth is in response to several factors:

MSO migration to standards-based equipment:

- MSO migration toward standards-based equipment has accelerated as companies such as MediaOne and Cox Communications complete their overlay of DOCSIS-based systems to eliminate capacity constraints.
- In light of aggressive positions of many ILECs and LECs in utilizing DSL and lixed wireless based technologies, cable operators must implement DOCSIS based systems to capture and maintain market share for video and enhanced services.

Advanced service offerings:

- Previous generation proprietary CMTS systems lack many of the capabilities of the newer systems with respect to security, interoperability, bandwidth, downstream and upstream data rates, packet processing power and automated self-provisioning.
- MSOs are looking for better ways to compete against insurgents ranging from satellite TV to ISPs.

Growth in cable modem shipments:

- Cable modem shipments to PCs totaled approximately 3 million units in 1999 and are forecasted to grow to more 12.6 million by year-end 2004, according to Gartner Group.
- The number of total homes passed by cable TV systems in North America in 1999 was about 97 million, and homes passed by cable data services approached about 65 million.

Competitive Pricing:

Significantly lower prices for standard-based cable modems.

Management And Employees: The Company has approximately 110 employees, 80 of whom are engineers. The 80 engineers have an average of 18 years of experience in cable, telecorn, gigabit ATM, and router technology from leading technology companies such as Lucent Technologies, Bell Labs, Westell Technologies, U.S. Robotics, Motorola and Cisco Systems, among others. Innovation: 19 Patents pending for technology developments. Sustained Rapid The Company is at the forefront of the DOCSIS-based CMTS industry, which is expected to reach nearly Growth: \$2.5 billion by 2003, according to Dataquest. The Company believes that its product offering is superior because it provisions a higher degree of integration and performance with features such as flow control, scheduling, and policing, to allow simultaneous transmission of voice, data and video. As a result, the Company believes that by 2003 it will capture 30% of the total CMTS market share. Additionally, the Company intends on to invest a substantial amount of time and resources to develop derivative products in fixed wireless and DSL. DOCSIS 1.1 The Company expects to be the first-to-market supplier of DOCSIS v1.1 compliant CMTS systems. Certification:

- **Product Capability:** Standard open interface and protocols allow for seamless integration and performance in compliance with DOCSIS 1.1 standards.
 - **DOCSIS v1.1:** MSO migration toward standards-based equipment has accelerated as companies such as MediaOne and Cox Communications complete their overlay of DOCSIS-based systems to eliminate capacity constraints.
 - Scalability: The C4 supports subscriber growth with the highest density and scalability offered in the industry with a standard rack carrying 3 chassis capable of 128 upstream and 32 downstream channels per chassis. The C4 is able to offer open access to over 4,000 ISP, ASP and Virtual Private Network operators.
 - Quality of Service ("QoS"): Fully compliant with QoS as governed by DOCSIS 1.1 limiting issues such as latency, echo, jitter and lost packets. Uniquely designed to sustain any system component failure without interruption of service providing for true carrier-class availability with 99.999% uptime.
 - Advanced Packet Processing: Enhanced capabilities in packet processing including flow-based classification and prioritization; flow-based policing; hard and soft-limiting flow control; [WRED] congestion control based on flow priority and flow activity; fine-grain congestion control technique containing over 70 tunable parameters; priority-based queuing; priority-based scheduling; extensive layer 2, 3, and 4 filtering; priority-marking gatekeeper; billing and performance monitoring counts; and traffic shaping for VoIP and streaming video flows.
 - System Management: Powerful system management capabilities simplify installation, monitoring, and overall system administration.

Relationship with MSOs:

The Company has primarily targeted, and is in various levels of discussion with, the top seven US MSOs, which cover 80% of the total homes passed by cable.

DOCSIS Standard: Docsis v1.0 established universal ground rules for the transmission of packets across cable networks, ensuring that packets will be routed correctly. DOCSIS v1.0 has been enhanced in DOCSIS v1.1 with quality of service ("QoS") features that enable the prioritization of packet traffic and security features that are necessary for voice communication. This allows cable operators to give voice packets the right of way and allows other traffic to be sent with a best-efforts priority as determined by bandwidth availability.

Competitive Overview: CMTS products are offered by 3Com, Cabletron, Cisco, Com21, Motorola, Nortel Networks/Arris Interactive and Terayon. Broadband Access Systems, River Delta Networks and BigBand Networks are private companies that are also developing CMTS products. Cisco Systems, Cadant, Broadband Access Systems and River Delta Networks are developing products which are DOCSIS compliant. However, Cadant and River Delta Networks are the only companies developing products which are DOCSIS v1.1 compliant.

The following profiles highlight the primary CMTS product vendors:

Nortel Networks/Arris Interactive

Arris is a joint venture between Nortel Networks and ANTEC Corp. The Company is built on the strength of its parent companies in the development of next-generation integrated broadband networks, coupled with strong relationships with both US and Canadian MSOs. The Companies CMTS product, the Cornerstone CMTS 1000 is in full compliance with DOCSIS v1.0 standard and has proven performance with more than 25 cable operators in 42 cities and 11 global markets. The Cornerstone provides two downstream and eight upstream channels.

BigBand Networks

BigBand Networks is a leading provider of a new class CMTS solution that enable service providers to deliver and manage differentiated and interactive services combining video, audio and data. BigBand Networks' patented NativeMedia[™] technology architecture is based on the distribution and management of media in its original forms, which results in unprecedented quality, functionality, scalability and efficient use of bandwidth.

Broadband Access Systems ("BAS")

BAS has established itself as a leading developer and supplier of next-generation CMTS equipment. The company's revolutionary CMTS, called the Cuda 12000, is NEBS and DOCSIS v1.0 compliant, and is designed to support future upgrade requirements. The Cuda has been commercially available in limited quantities since the fall of 1999. The Cuda is differentiated by its distributed routing architecture that places a high-powered processor directly on each CMTS card capable of delivering up to 42 million packets per second on a fully loaded chassis. This feature allows the device to maintain wire-speed packet forwarding as service penetration and complexity grows. Time Warner and Adelphia have begun deploying the Cuda in their networks, while field trials are underway with numerous other operators worldwide. On September 20, 2000, ADC Telecommunications announced that were planning on acquiring BAS for \$2.25 billion in stock.

Cisco

Cisco Systems' CMTS product, the uBR 7246, was the first-to-market DOCSIS v1.0 system. As a result, the Company has captured almost 75% of all upstream and downstream CMTS port shipments and established credibility and long-term relationships with numerous MSOs. The Company's CMTS product supports Time Warner, AT&T, Media One, Cox and Comcast, among others. Although Cisco's early presence has allowed them to capture a majority of the market share, their current CMTS product trails numerous private companies, such as BAS, Cadant and River Delta, in overall performance.

River Delta Networks

River Delta's CMTS product, the BSR 64000, is [DOCSIS v1.0 compliant], and is designed to support future upgrade requirements. The BSR 64000 allows for per-flow policing and traffic shaping at wirespeed. A key differentiating feature of the BSR 64000 is that as traffic volumes grow, cable operators can deploy it at their distribution hubs rather than at a cable head end in order to get greater numbers of streams to customers. The BSR 64000 is currently in two beta trials with customer shipments due in the fourth quarter.