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Microso	ft Memo		BECENVED	
Ta:	Mike Haliman, Jeremy	Butler	APP 1 2 1991	
From:	Joachim Karpatri	// · · · ·	CORPOHATE	
Date:	Adril 8, 1991			
Subject:	OEM Gosis & Challen Bill Gates, Steve Balim	-		

FY 90/91 in Retrospect

The Customers

The business of our OEM customers has undergone significant changes over the last 18 months, but the recipe for success has changed only slightly. This is obvious when analyzing the more successful OEMs:

These have pursued technological leadership in quality manufacturing and product design which enabled them to enter premium markets (like notebooks and laptops) shead of competition. At the same time, they have lorged closer relationships with key suppliers to allow them to incorporate new technologies early into their product plans. The deverones have stayed locussed in enhancing their Intel based product lines instead of straying into the RISC arena thereby putting profit over prestige and resisting the "fashion" trend. Remaining a key challenge even for the successful OEMs has been the development of new distribution channels and taking a global (WW) lock at their business.

The PC being an even greater commodity today than 18 months ago, has led to the sale of more units through direct mail-order organizations and superstores than ever before - emphasizing that a lot of second and third tier manufactures have mastered quality manufacturing and have been able to contract for maintenance coverage through third party organizations (sven in Europe). As a result non-value adding resellers have been driven out of the market. This change in distribution has caused a decline in market share for the top 25 WW PC suppliers to only 65% compared to over 80% two years ago. Interesting to note is that this data takes all the various margers into account, proving again that adding size through mergers does not guarantee improved share.

Another important characteristic of succentral OEMs has been how fast they have been able to take a global (WW) view of the market. Eighteen months ago most OEMs made central product decisions and forced their

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DEFENDANT'S EXHIBIT 5 3 7 7 product onto their distributors or outside their hometand subsidiaries. During the last year - probably because of the fast growth and size of the business outside their home countries - we have observed an emphasis on a more democratic decision process, whereby subsidiaries are now able to influence HQ product and marketing decisions. More and more successful OEMs have started to think "International" and are "istening to recommendations from their successful subsidiaries.

The PC products thamselves have gotten smaller, more powerful and cheaper whereby our royalties have been under severe price pressure. Despite margin pressure and DRI having (for 9 months) a far superior product in the market, we have not only continued to resist the DOS royalty price erosion, but have maintained our market share and are well on the way to increase our royalties per system sold by increasing our WIN/system penetration. These "dog fights" have been carried out by an 80+ people sales force and a lot of help from product line people and MS executives. Only the LAN Man and OS/2 customers have not shown any royalty growth caused by late product deliveries and a change in distribution strategy on our side, as well as the IBM/MS confusion.

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The Orosnization

In May of 89 we reorganized OEM into a WW organization whereby the US continues to prosper under a direct reporting relationships and all of International is being worked through a matrix organization, with area directors located in corporate HQ. At the same time, OEM has taken an active role in guiding the sales of FG-DOS and MS Mouse products to OEMs even when carried out in the subs. The idea behind this was to increase market share, set WW pricing and enable us to build relationships with emerging and potential royalty customers early on. Since then we have experienced high growth in both areas and could have done even better if we would have integrated the FG-DOS sales personnel directly into the WW OEM organization.

With the exception of FE OEMs setting in the US, we still need to learn how to evangelize OEM subsidiaries on our system product directions. Local MS subs as well as the European HQ continue to be motivated mainly by short term warehouse sales and do not have enough trained resources to do missionary OEM work.

Another important accomplishment of the OEM organization over the past two years has been an attitude change towards smaller customers. Particularly in the US, we have started focusing on smaller accounts and developed a lot of them into loyal (DOS/WIN/Mouse/per system) customers. Five years ago we wouldn't have even talked to them, while today we understand them as an important growth opportunity.

Morale of the US group is high, but growth as well as attrition to other parts of MS have left us with a lot of newly hired people - without having an appropriate training program in place, International OEM in general is suffering from being understaffed by at least 10-12 royalty sales people worldwide. The same is probably true lor the

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MS-PCA 1110547 CONFIDENTIAL FG-DOS sales force. Morate is okay, but not great. This seems to be a result of local subs focusing on maximizing retail sales, the OEM sales people having to serve customers with less growth and revenue octenual and its strategic value not being understood by most GMs. This is complemented by a P/L measurement system which excludes an integrated revenue/expense picture for all channels above the bottom line. This is causing understatting/hiring of the sub OEM groups and OEM sales personnel being attracted by more "mainstream" departments. My conclusion: the matrix works somehow, but it is not an optimal solution. We will need to take some measure next FY to avoid true damage. I also understand that the OEM commission will now be part of the sub P/L to improve the view from the top. Nevertheless, there will be a need to close the loop regarding OEM personnel compensation and option grants, meaning they will need to be signed off by the VP of OEM and not only by the area VP.

Last but not least - OEM Markating. I inherited this group with the reorganization. We have cominued to provide internal marketing communications to the WW OEM group, system training, and added some channel and business analysis. Often covering up for an always changing System Product Marketing function with collaterals and backgrounder production. But we are missing the boat in helping OEMs get their products to markets early and to be an effective feedback mechanism to product marketing including the active development of sales plans. A new charter for this group - in light of the just founded System OEM Marketing group - should be to help OEMs and OEM AMs develop emerging business opportunities through marketing methods and product feedback. At the same time, we should charter this group with OEM AM sales and technology training coordination.

Conclusions

Over the past 18 months, we integrated our International OEM Sales force into a WW organization. This has been accomplished in a cooperative way by addressing the key business issues and maintaining our overail prolitability. As a next step, we need to address how the current organization needs to be revised to match the changes in the business of our OEMs.

The key questions to answer while reorganizing:

- 1. How would it help us increase our market penetration?
- 2. How can we support our OEM relationships on a worldwide basis more effectively?
- 3. How can we keep all OEM personnel well motivated and trained to tackle the challenges ahead?

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OEM Sales Goals for FY92

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-Exceed \$400M In revenue and stay within PPB guidelines*

Have more than 65 % of all systems shipped with DOS 5.0 as the DOS version of choice by Q3FY92.

Exceed 50 % market share for WIN design ins on licensed 386 DOS machines and get more than 20% preinstalled on the HD. (Excluding IBM units.)

Obtain design ins for OS/2 3.0 by Q3 FY92 to guarantee an 80% penetration on MIPS as well as on high-end intel PCs. (Understanding that we will benefit from this in FY 93/94 and thus making OS/2 2.0 widely obsolete.)

Successfully reorganize and train the OEM sales force to match our customers global needs and business infrastructure.

Pursue high volume socket sales aggressively in case we have a low-end network offering available in Q1 of FY 93.

*US <25% of 12 month trailing revenue. Japan < 40% CH, TC \leq 30% Other \leq 25%

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Business Organization

Management principles

For me, the ideal way to manage the OEM business would be to think about a total worldwide channel responsibility. This would mean direct channel reporting of all OEM business including FG-OOS, Mouse and APPS sales to OEMS, applying the principle - OEM owns the customers and all sales oping to and through them. If we as a company could agree to this, we might enjoy an immediate increase in market share. Tradeoils between royalty and FG agreements would be made by one group, all personnel would be trained in a unified way and we would probably have a direct reporting structure without today's conflict of interests between warehouse sales goals and OEM penetration goals. This would follow the ITIS model, whereby the subs would provide just services (like F & A, distribution, support, stc) at an agreed upon fee. IPG in Ireland, and to a degree, the US is following that model today. In thinking further ahead, this could lead to 3 different "sales companies" within every sub: 1) Distribution, 2) Large Accounts, and 3) OEMs, if combined with an operational manager position to run the service side of the business, the GM's time would be freed up to focus on strategic developments and being a coach by giving these unit managers lots of authority. If implemented well - meaning in a cooperative style - such a construction should actually improve our market position just by running smaller organizations and less of a monster organization as it exists today. (Giving more power to direct GM reports in the subs could at the same time help develop more management talent and make us more crisis proof.) We should give this some thought at corporate levels for the years to come. We could start doing this for OEM in FY 92 as a plot, will we be able to decide this in time?

Nevertheless, we need to start reporting the OEM business (and maybe the others as well) as described above to enable us to understand it better.. This would, over time, lead to a redefinition of account goals and move focus lowards increasing total account penetration. It would allow us also to get a better handle on subsidiary marketing and service expense by customer type. Sure enough an enlarged thinking of the OEM business in the subs will enable us to develop, grow and promote OEM personnel within the group more easily - thus addressing some of the existing morale issues outside the US. This includes influencing compensation and option grants directly.

Even if we can't agree upon implementing my favorite organization, we will need to implement a different group structure in the US HQ to allow us to address the international support needs for our customers. The principle thought here is to focus on servicing the OEMs best where they sell the most. This might mean a redefinition of the lemitory the directors will cover.

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MS-PCA 1110650 CONFIDENTIAL Two models come to mind:

- 1. Hire local resources to cover all key OEMs within a subsidiary territory and develop the OEM HQ AM function into a global AM position.
- 2. Allow the OEM AM to travel to key subsidiaries to promote our cause when needed, without adding sub personnel.

I doubt that the first model will serve its purpose and can be implemented in a cost effective way because we will have to add a lot of resources with questionable payback control as well as account knowledge. By going the second route, the account knowledge will reside with the OEM HQ AM, no additional headcount needs to be added, while only nominally increasing the T&E budget. This should lead to a harder working and a more motivated sales force without disrupting current subsidiary structures, whereby any warehouse sales leads should be passed on to the subs immediately and global product marketing leedback would be more effective and direct than today.

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Rationale

t. Richard Fade's group

Most small US OEMs are run by orientats and/or buy partial systems from CH or TC OEMs. Trade offs can be done easier and a cultural understanding can be developed within the group. Setting to these OEMs requires different marketing techniques (direct mailings, etc) and prospecting. At the right time the faster growing customer will need to be transferred to other groups. We would develop more managers who understand the FE mentality and culture. This will enable us to penetrate this market better than before. Richard will get some exposure to the FE to enhance his WW OEM management skills.

2. Jeff Lum's group

By enhancing this group, we would serve US customers with focus in Europe better and give Jeff the opportunity to make his trips worthwhile by being able to understand and impact the European OEM business more effectively. I expect this group to provide us more direct feedback regarding multillingual OEM product needs and European market specifics. This would then be crossed checked with the sub's input to improve our intelligence.

3. Ron Hosogi's group

This group consists of the "old" OEM Marketing group relocused on its key elements: 1) Communication, 2) WW OEM specific training, and 3) PC distribution analysis and its impact for OEM products. In addition, we are adding specialist product sales personnel and small sub business support. If the printer and embedded DOS business develop in a manner in which we need dedicated subsidiary AMs, we will move the people into the right territory organization. Until then, it makes sense to keep them in a special unit, knowing that the methods needed to be successful in both businesses are largely the same. AIME, APG, and ICON business support should be kept together to develop a common method and provide backup services as necessary, while assigning it to more than one person. Bonh will act as a coach in this area using his past experience. Allowing Ronh to manage sales to US focused OEMs will retresh his direct sales management skills after all his years in matrix management.

4. Group Operations

There is a natural reason to combine forecasting and analysis under Tim, who knows the F & A side of things very well. Running the operations will involve him in WW policies and procedures as well as the OEM price guidefine.

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FY91

Year and US HQ headcount (existing organization)

I	VP	Director	Manager	AM	Admin	TOTAL	
JoachimK	1	1			1	3	
RonH		1		5	4	10	(admin. incl. 2x lost)
RichardF		1	5	33	5	44	
JeffL .		1		1	1	3	
TOTAL	1	4	5	39	11	60	

FY92

Year end US HQ headcount (proposed organization)

	VP	Director	Manager	AM	Admin	TOTAL	
JoachimK	1				. 1	2	
RonH		1	2	15+1	4	23	
RichardF		1	1+1	11+2	1+2	19	
iaf.		1	2	14"	3	20	(ind. 1) transler
ief il. Tim8		1			2	3	(admin = 2x fcst.)
TOTAL	1	4	6	43	13	57	
* Includes Lorim						1.12	. ,

The proposed changes do not change headcount. I am proposing to add only 6 heads: 1 manager, 3 AMs, and 2 admins, one for the manager, the other for Richardf. This should be well in line with our profitability.

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European OEM Sales Staff

FY 91 (existing organization)

Sub	OEMSM	OEM AM	AM FG-DCS	TOTAL
MS AB	1	2	1	4
MS BV	1	0	1	2
MS GMBH	1	2	2	5
MSLTD	1	1	1	3
MS SAAL	1	1	1	3
MS SPA	1	11	1	3
MS SRL	1	0	1	2
TOTAL	7	7	8	22

European OEM Sales Staff

FY 92 (proposed organization)

Sub	OEM SM	OEM AM	AM FG-DOS	TOTAL
MS AB	1	2	2	. 5
MSBV	1	0	2	3
MS GMBH	1	5	5	11
MSLTD	1	2	31	6
MS SARL	1	11	3	5
MS SPA	1	2	2	5
MS SRL	1	0	1	2
TOTAL	7	12	18	37

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International OEM Sales Staff

FY 91 (existing organization)

Sub	OEM SM	OEM AM	AM FG-DOS	TOTAL
MS KK	0.5	6.5	na	7
MS CH	0.5	3	2	5.5
MS TC	1	3.5	0.5	5
MS APG	0.5	0.5	0.25	1.25
MS SINGAPORE	0	0.5	0.5	1
MS PTY	1	1	t t	3
MS INC	1	0.5	1	2.5
MS MEXICO	0.5	11	0.5	2
MSLTDA	0.5	0.5	11	2
MS AIME	0.25	0.5	1	1.75
TOTAL	5.75	17.5	7.75	31

international OEM Sales Staff

FY 92 (proposed organization)

Sub	OEM SM	OEM AM	AM FG-DOS	TOTAL
MS KK	1	10	na	11
MSCH	1	4	2	7
MS TC	1	5	1	7
MS APG	0.5	1	1	2.5
MS SINGAPORE	0	1	1	2
MS PTY	0	. 1	1	2
MS INC	1	. 0.5	2	3.5
MS MEXICO	0	11	1	2
MSLTDA	0	1	1	2
MS AIME	0	0	1	1
TOTAL	4.5	24.5	11	40

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OEM SM = OEM Salas Manager

OEM AM = OEM Account Manager

All international charts show only direct sales personnel, not total HC allocated to OEM.

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Group A & B Smaller US Accounts	Group C & D European Focus	Group E & F US Focus	
US territory focus CH, TC, KK-OEMs setting in the US Poquet	Atani CBM Compag CompuAdd Dal HP Memorex/Telex NCR Ofvetti Philps Tandon Zenith	ALR AST DEC Data General Everex Intel Momenta Northgate Packard Bell Phoenix PBU Accounts	Tandem Tandy/GRiD UB Wang Western Digital Wyse 3COM Embedded DOS accounts
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		+	(Current Year)	(Planning Year)		
USA	FY 89	EV 90	FY 91	FY 92	FY 93	Ę
		10.1%	12.0%	19.4%	14.8%	
8086	820,308	852,716	364,333	236, 309	150,000	53.00
236	2018,814	1.936,790	1,395,473	1.388,428	000,000	500.00
- 485	808,174	1,410,788	2.639.654	3.438,821	4.000,000	3.800.00
548		11,637	121,327	354,725	1,200,000	2,300.00
Sub-Total		0	0	0	50,000	290,00
Unternational	3,845,096	4,011,831	4,524,787	5.402.261	6.200.000	6.940.00
8054		30.8%	8.1%	-1.2%	5.4%	7.1
256	2,729,879	2,407,882	1,007,272	3,344,426	650,000	350.00
254	2,418,057	3.396,907	3,404,100	3,137,930	2.000,000	1,250,00
155	424,622	1.475,080	2,821,880	1.328,498	5.000,000	5,200,00
546		4,966	40.548	115,615	400,000	1,700,00
Sub-Total		0	đ	0	95,500	220,00
SUD- (001)	5.572.558	7,286,865	7,873,580	7,726,467	8,145.500	8,720,000
	·	9.2%	14.1%	7.8%	1.5%	9.7
8086 286	370,200	105,000	100.000	0	σ	
234	1.489,800	1,320,000	850.000	576,000	388,000	118.000
486	617,000	1,235,000	2,100,000	2,494,000	2,849,000	2,860,600
584	0	5,000	25,000	248,000	569,000	832,400
Sub-Total	0	٥	٥	đ	4.000	15.000
S+ITL+IBM	2,468,000	2,695,000	3,075.000	3,316,000	3.610,000	3,946,000
HORE	1	19.5%	10.8%	6.3%	8.2%	9.25
298	3,920,387	3,195,408	2,075,906	1,382,735	800,000	400,000
384	5,917,471	6.655,897	6.649,573	5,082,355	3,186,000	1,868,000
446	1,647,796	4.120,668	7,561,314	9,259,317	11.649,000	11,550,500
586	0	21,823	186,875	722,340	2,169,000	4 932 400
Sub-Totat	9	0	0	0	149,500	525,000
-Lioursed	11,685,854	13,983,596	15,473.367	16,446,748	17,955,500	19,506,000
1084		35.5%	4.0%	14.2%	10.1%	12.0%
284	630.000 738.000	600,000	300,000	250,000	100.000	50.000
256	73.000	1,000,000	1,100,000	\$70,000	632,000	350,000
	73,000	400,000	650,000	1,100,000	1,700,000	2,100,000
586		٥	30,000	55,000	157,000 -	400,000
Sub-Total	1.475.000	0	0	0	25,000	30,000
al brief	1,435,000	2,000,000	2,080,000	2.375.000	2,615,000	2.930,000
-	4.570.387	21.5%	9.8%	7.2%	9.3%	9.8%
236		3.725,408	2.375,805	1.632,735	900,009	450,000
344	6,667,471	7,535,697	6,749,573	\$.052,356	3,820,000	2,218,000
498	1,922,796	4,520,868	8,211,314	10,350,317	13.349,000	13,980,600
53.6	Q	21,823	216,573	777,340	2.326,000	5.332,400
Total	3	9	. 0	0	175,500	555,000
	13,180,854	15,063,594	17.553.367	18.621,748	20,570,500	

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kuls	FY 1990 PC PRODUCTION-CONSUMPTION MATRIX									
	-		Not		EXPORT	10	T			
1	MFG	CONS .	Ex/(lm)	US	EUR	ĸĸ	ROW			
US	6.513.331	7.100.000	406,569	4.43	1.98	0.00	0.20	6.81	52.00%	60.0075
Europe	3,494,149	6.400.000	2,905,651	0.10	3.28	0.00	01.0	2.48	15.00%	21.00%
××	0	c	0	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%
ROW	5.886,115	2.493,596	0.382.520	2.58	1.12	0.00	2.21	5.8 9	13.00%	15.00%
Total	15,893,596	15.963.596	0	7.10	6.39	0.00	2.91	15.20		
I CHIRL	12,863,595	15.993.595	0 [7.10	8.39	0.00	2.91	15.20		
1		EPORT TO.		W	WRINET	MARE				

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	US .	9.11	×x	ROW	US	8.8	ю	ROW
US	. 67%	30%	0%	3%	82.4%	31.1%		7.9%
Europe	3%	94%	0%	- 3%	1.5%	51.4%		425
кк	0%	0%	100%	0%	0.0%	aos		0.0%
ROW	44%	19%	0%.	385	36.1%	17.5%		67.3%

nita			FY1991 PC P	RODUC	TIONC	ONSUMP	TION M	ATROC			
			Net		EXPOR	1 10					
	MFG	CONS	Ec/(m)	US	e.a	KOK	ROW				
US	7,144,787	7,455.000	310,213	4.54	223	0.00	0.21	7.14	48.00%	55.00%	105.00
Europe	3,857,505	7,360,000	3,502,495	0.12	3.63	0.00	0.12			27.00%	
)ox	0	0	٥	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	120.00
ROW	6,551,075	2.738.357	(1.812,708)	2.62	1,44	0.00	2.49	6.55	and the second second	18.00%	
Total	17,553,367	17.553.367		7.42	7.32	0.00	2.82	17.55	•		109.75
promotion of											
		EXPORT TO.	~	h	WWET	SHARE			1.		
· L	US	el n	XX.	ROW	US	EUR	XX	ROW			
us	667.	32%	0%	3%	61.1%	20.02	1	7.0%			
Europe	3%	94%	0%	3%	USA	49.6%		4.1%			
ĸĸ	0%	0%	100%	0%	ans	0.0%		0.0%			
ROW	40%	22%	0%	38%	35.3%	19.7%	. (85.7%			

	1		Net	EPORT TO_							
	MPG	CONS	Ec/(m)	US	EUR	KKC	ROW				
US.	8,082,311	7.527.790	(254,587)	1.05	2.71	0.00	0.32	8.09	48.00%	49.00%	105.0
Europe	4,097,520	8,022,400	3,924,780	0.12	3.83	0.00	0.12			25.00%	-
. xad	0	o	. 0	0.00	0.00	مە	0.00			0.00%	
ROW	6.631,817	2,571,598	5.680,219)	2.61	1.44	0.00	2.59			25.00%	
Total	15,821,748	18,821,744		7.79	8.00	0.00	3.03	18.62			107.3

	E	OPONT TO			MARKET	SHARE		
	US	EUR	xx	ROW	us.	eura	ĸx	ROW
US	6376	34%	35	4%	85.0%	11.9%		10,7%
Europe	3%	94%	0%	3%	1.5%	44.1%		4.1%
ĸĸ	0%	0%	100%	0%	0.0%	am	•	0.0%
ROW	39%	22%	0%	39%	JIJ	18.0%		85.3%
					•	•	• •	•

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Units			FY 1993 PC P	PRODUC	TON-C	CNSULP	TOX N	ATROX			
			Hert		EXPOR	T TO_		T			
	MPG .	CONS	Er/(m)	us	8JR	KIK	ROW				
US	9,059,750	8,218,138	(350.613)	3.44	3.27	0.00	0.36	200	44.00%	49.00%	105.00
Europe	4.378.800	8.524.050	4,245,280	a.11	4.14	0.00	0.13			24.00%	
юd	٥	0	0	ഹാ	0.00	0.00	0.00		Contraction of the local division of the loc	0.00%	
ROW	7,121,950	3,727,283	(1,394,568)	2.00	1.20	0.00	3.23			27.00%	the second s
Total	20,570,500	20,570,500		8.24	8.60	0.00	173	20.57	•		109.29
ercent											
	i	EPORT TO_	•	Å	MAKET	SHARE					
L	US	ALB	×	ROW	US	EUR	XXX	ROW			
ua	50%	36%	0%	12	SELOTE	38.0%	1	9.7%			
Surape	3%	25%	0%	75	1.3%	48.1%		1.5%			
ĸĸ	0%	0%	100%	0%	0.0%	0.0%		2.0%			
ROW	38%	17%	C S	45%	275	13.9%		55.7%			
						•	,				

Units	· · · · · · · · · · · · · · · · · · ·		FY1884 PC PRODUCTION-CONSUMPTION MATPIX								
			Heat		DPORT	TO_					
	MPG	CONS	Ex/(m)	US	eun:	ĸĸ	now				
ເມ	10,111,940	8,588,903	(1,822,941)	8.82	3.05	0.00	0.51	10.11	44.00%	48.00%	104.50%
Europe	4,733,220	9,529,608	4,796,384	0.12	4.47	0.00	0.14				110.50%
×	<u>.</u> О	0	· 0	0.00	0.00	0.00	0.00	0.00			120.00%
ROW		1	0.273,447)	2.08	1.44	0.00	3.58	7.69	-		118.52%
Total	22.538.000	22.538.000		8.71	1.80	0.00	12	22.54	-		109.55%

	£	OPORT TO.		MARKET SHARE				
<u>ل</u>	US	EUR	юĸ	ROW	US	EUR	ĸĸ	ROW
US	895	37%	0%	5%	67.9%	3LAS		12.0%
Europe	3%	85%	0%	35	1.476	46.0%		742
юc	0%	0%	100%	0%	0.0%	0.0%		0.0%
ROW	35%	19%	0%	075	30.7%	15.0%		54.7%
						(mul		04.7%

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		FY 59	FY 90	FY 91	FY 92	FY-93	FY S
US+ITL Licer			22.8%	8.7%	1.9%	8.2%	5.7%
	3086	3,550, 187	3.080,408	1,978,806	1,382,735	800,000	400.000
	256	4,436,671	5.335.697	4,798,573	4.508,358	2,800,000	1,750,000
	336	1,230,798	2,885,868	5,461,314	6.765,317	9.000.000	9.000.000
	486	. O	16.623	161,875	474,340	1.500.000	4.000.000
	-536	٥	0	8	a	145,500	\$10,000
Sub-Total		9.217.854	11,298,598	12.394.357	13,128,748	14,200,000	15,150,000
e lao		· · ·	21.5%	8.7%	5.5%	4.6%	£.4%
	8086	898,419	678,514	413,379	251,770	150.000	50.000
	286	600,648	940,871	539,932	962.800	500,000	250,000
	394	136,014	428.528	808,547	1.000,500	1,500,000	1.400.000
	496		4.900	27,047	55,200	100,000	750,000
· · · · ·	588		0	0	٥	65,500	120.000
ub-Total		1.633,081	2.050,699	2,188,905	2.309.300	2,418,500	2.570.000
E/ROW	1		32.9%	8.6%	-4.7%	5.5%	7.3%
	acas	1.833,460	1,731,178	1,193,893	592,655	- 500.000	300.000
	236	1,817,409	2,458,038	2.464,166	2,175,130	1,500,000	1,000,000
	386	255,008	1,044,652	2,013,113	2,258,938	1.400.000	3.800.000
	486		0	13,301	60,358	300,000	950,000
	586		ο.	¢	0	30,000	100.000
to-Total		3.539,477	5.235.788	5.684,675	5.417.007	5,730,000	6.150.000
inmutional To		an di Anara	30.8%	8.7%	-1.9%	148	7.15
	2066	2,729,879	2.407,892	1,607,272	1,144,428	650,000	350.000
	286	2,418,057	3.398.907	3,404,100	2,137,230	2.000,000	1.250.000
	336	424,522	1,475,080	2,821,600	3.325,496	5.000.000	5,200,000
	496	0	4,966	40,548	115,815	400,000	1,700,000
	585	9	¢	٥	0	95.500	220,000
an ITL innel	 C \$ 1 	5,572,058	7,286,665	7,873,583	7.728.487	6.145.500	8.720,000

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			Intell Processor Sum	whaty By Business	Sector	
Unite	FY 59	FY 90	FY 91	FY 92	FY 83	FY 94
USA	3,646,098	4.011,001	4.524,787	5,402,291	6.200.000	6.940.0
international	5,572,558	7,286,865	7,873,580	7,728,487	8,145,500	A.720_C
BM	2,468,000	2,595,000	1,075,000	3,318,000	3.510.000	3.946.0
Unicensed	1,475,000	2,000,000	2.060,000	2.375.000	2.615.000	2.930.0
WW Total	13,160,654	15.993.595	17.553.367	18.821,748	20.570.500	27.534.0
Parcent	· · · ·					
USA	27.7%	25,1%	25.B%	28.7%	30.1%	30.8
International	42.3%	45.6%	44.9%	41.1%	39.6%	38.7
IBM	18.8%	16.9%	17.5%	17.6%	17.5%	17.5
Unlicensed	11.2%	12.5%	11.8%	12.5%	12.7%	13.0
WW Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0
		Y	Vorid-Wide Inte	N Processor Su	immary	
Inite	FY 89	FY 90	FY 91	FY 92	FY 93	
				1 1 2 44	C T 3 3	FY 94
8086	4,570,387	3,795,408	2,375,505	1.632,735	900,000	FY 94 450.00
286	4,570,387 6,667,471	7,655,697	2,375,605 6,749,573	and the second se		450,00
286 3865x	6,667,471 0	7,855,897 1,582,304		1.632,735	900,000	450,00
286 386sx 386dx	5,667,471 0 1,922,798	7,655,697	6,749,573	1.632,735 6.052,356	900,000 1,820,000	450,00 2,218,00 10,4 85 ,45
286 3865x 386dx 488ex	6,667,471 0 1,922,798 0	7,855,897 1,582,304	6,749,573 4,105,657	1,632,735 6,052,358 6,215,590	900,000 3,820,000 9,344,300	450,00 2,218,00 10,485,45 3,495,15
296 3865x 386dx 486sx 486sx	6,667,471 0 1,922,798 0	7,655,697 1,582,304 2,908,564	6,749,573 4,105,657 4,105,657	1.632,735 6.052,356 6,215,590 4,143,727	900,000 3,820,000 9,344,300 4,004,700	450,00 2,218,00 10,485,45 3,495,15 3,732,68
236 3865x 3865x 4865x 4865x 586	6,667,471 0 1,922,798 0 0	7,655,697 1,582,304 2,535,564 0 21,623 0	6.749.573 4.105.657 4.105.657 0	1.632,735 6,052,356 6,215,590 4,143,727 466,404	900,000 3,820,000 9,344,300 4,004,700 1,511,900	450,00 2,218,00 10,485,45 3,495,15 3,732,68 1,599,72 555,000
236 3865x 386dx 486sx 486dx 588 Total	6,667,471 0 1,922,798 0	7,655,697 1,582,304 2,908,564 0 21,923	6,749,573 4,105,657 4,105,657 0 216,875	1.632,735 6.052,358 6.215,590 4,143,727 466,404 310,938	900,000 3,820,000 9,344,300 4,004,700 1,511,900 814,100	450,00 2,218,00 10,485,45 3,495,15 3,732,68 1,599,72
236 386sx 386dx 486sx 486dx 586 588 Totat	5,667,471 0 1,922,798 0 0 13,160,654	7,655,597 1,582,304 2,908,564 0 21,623 0 15,983,596	6,749,573 4,105,667 4,105,667 0 216,875 0 17,553,367	1,632,735 6,052,358 6,215,590 4,143,727 486,404 310,938 0	900,000 3,829,000 9,344,300 4,004,700 1,511,900 814,100 175,500	450,00 2,218,00 10,485,45 3,495,15 3,732,68 1,599,72 555,000
236 386sx 386sx 486sx 486sx 588 Totat 97CarX 8086	5,667,471 0 1,922,798 0 0 13,180,654 34,73%	7,655,597 1,582,304 2,508,564 0 21,623 0 15,983,596 21,73%	6,749,573 4,105,667 4,105,667 0 216,875 0 17,553,367 13,53%	1,632,735 6,052,358 6,215,590 4,143,727 486,404 310,938 0	900,000 3,829,000 9,344,300 4,004,700 1,511,900 814,100 175,500	450,00 2,218,00 10,485,45 3,495,15 3,732,68 1,599,72 555,000
236 3865x 3865x 4865x 4865x 588 Total 97Cent 8086 286	5,667,471 0 1,922,798 0 0 13,180,854 34,73% 50,66%	7,655,597 1,582,304 2,508,564 0 21,623 0 15,983,596 21,73% 47,87%	6,749,573 4,105,657 4,105,657 0 216,875 0 17,553,367 13,53% 38,45%	1,632,735 6,052,358 6,215,590 4,143,727 465,404 310,936 0 18,821,748	900,000 3,829,000 9,344,300 4,004,700 1,511,900 814,100 175,500 20,570,500	450,00 2,218,00 10,485,45 3,495,15 3,732,68 1,599,72 555,00 22,536,00 2,005
236 3865x 3865x 4865x 4865x 588 Totai 970an 8036 256 3865x	5,667,471 0 1,922,798 0 0 13,180,854 34,73% 50,65% 0,00%	7,855,597 1,582,304 2,508,564 0 21,623 0 15,983,596 21,73% 47,87% 9,89%	6,749,573 4,105,667 4,105,667 0 216,875 0 17,553,367 13,53%	1.632,735 6.052,358 6,215,590 4,143,727 465,404 310,938 0 18,821,748 8,67%	900,000 3,829,000 9,344,300 4,004,700 1,511,900 814,100 175,500 20,570,500 4.38%	450,00 2,218,00 10,485,45 3,495,15 3,732,68 1,599,72 555,00 22,536,00 22,536,00 2,005 9,84%
236 3865x 3865x 4865x 4865x 586 Total 970an 8036 256 3865x 3865x	5,667,471 0 1,922,798 0 0 13,180,654 34,73% 50,66% 0,00% 14,81%	7,855,597 1,582,304 2,508,564 0 21,623 0 15,983,596 21,73% 47,87% 9,82% 18,37%	6,749,573 4,105,657 4,105,657 0 216,875 0 17,553,367 13,53% 38,45%	1,632,735 6,052,358 6,215,590 4,143,727 466,404 310,936 0 18,821,748 8,67% 32,16%	900,000 3,829,000 9,344,300 4,004,700 1,511,900 814,100 175,500 20,570,500 4.38% 18,57%	450,00 2,218,00 10,485,45 3,495,15 1,732,68 1,599,72 555,00 22,536,00 2,005 9,845 46,53%
236 3865x 3865x 4865x 4865x 586 Total 970a7f 8036 256 3865x 3865x 3865x 4865x	5,667,471 0 1,922,798 0 0 13,180,654 34,73% 50,66% 14,81% 0,00%	7,855,597 1,582,304 2,508,564 0 21,623 0 15,983,596 21,73% 47,87% 9,89%	6,749,573 4,105,657 4,105,657 0 216,875 0 17,553,367 13,53% 38,45% 23,39%	1,632,735 6,052,358 6,215,590 4,143,727 466,404 310,936 0 18,821,748 8,67% 32,16% 33,02%	900,000 3,820,000 9,344,300 4,004,700 1,511,900 814,100 175,500 20,570,500 4.38% 18,57% 45,43%	450,00 2,218,00 10,485,45 3,495,15 1,732,68 1,599,72 555,00 22,536,00 2,005 9,84% 46,53% 15,51%
236 3865x 3865x 4865x 4865x 586 Total 970an 8036 256 3865x 3865x	5,667,471 0 1,922,798 0 0 13,180,654 34,73% 50,66% 0,00% 14,81%	7,855,597 1,582,304 2,508,564 0 21,623 0 15,983,596 21,73% 47,87% 9,82% 18,37%	6,749,573 4,105,657 4,105,657 0 216,875 0 17,553,367 13,53% 38,45% 23,39%	1,632,735 6,052,358 6,215,590 4,143,727 466,404 310,936 0 18,821,748 8,67% 32,16% 33,02% 22,02%	900,000 3,820,000 9,344,300 4,004,700 1,511,900 814,100 175,500 20,570,500 4.38% 18.57% 45,43% 19,47%	450,00 2,218,00 10,485,45 3,495,15 3,732,68 1,599,72 555,00 22,536,00

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OCMISSINGS

USA ·	FY8	9 FY9	0 FY9	1 FY9	2 FY9	3 FY
Processors (000)						
IBM Machines	1.11	1 1,21	3 1,38	4 1,49:	3 1,62	S 1,7
Other OEM (licensed) Mact	h 3,64	5 4,01;	2 4,52	5 5,402	2 6,20	0 6,9
Total Machines	4,75		5,90	9 5,895	5 7,82	5 8,7
Penetrations of Major Product	s on non-iE	IM Processi	ors		-	
% shipping DOS	98.57			6 100.0%	100.03	100.c
% shipping Windows	27.19	24.8%	27.09	6 29 <i>.9</i> %	35.09	40.0
% shipping OS/2	0.39	0.5%				
Units of Lan Man	414					
Average Royaty for Major Pro	ducts on n	on-IBM area				
\$ per DOS	\$17.00			\$17.87	\$17.00	\$16.5
\$ per Windows	\$8.69				\$17.00	
S per OS/2 (gross)	\$104.08				\$70.00	
Sper Lan Man	\$407.04				\$40.00	
Actual Earned Royalties (\$000) on Major	Producte o	na. 1914 on			46.2.0
DOS	\$81,015	\$67,739	582,442	\$96.539	\$105,400	\$114,51
Windows	\$8.820				\$36,890	
OS/Z	\$1,197		\$3,965		\$4,340	
Lan Man	\$1,588		\$10,500			\$8,67
Actual Earned Royattles (\$000)		Omdure ID			\$8,000	\$10,00
DOS	SO SO	SO	SO SO		**	
Win	\$90		\$7.425	****	\$0	\$
OS/2 (net)	\$857	52,188	\$3,500		\$2,500	\$3,00
Lan Man	\$1,058	\$271	\$2,500 \$2,500		\$0	\$
Actual Earned Royattles (\$000)	an Linnai	الكلاب ام معدسية مست	200	\$1,200	\$600	\$40
Printer	50 milior 1					
MS-Net	\$4,422	\$727 \$5,000	\$1,000	\$879	\$1,500	\$2,00
SQL Server	\$472	\$2,000	\$3,000	\$1,334	\$1,500	\$1,500
Comm Server	50		\$0	\$79	\$100	\$10
Xenix	30 \$8,913	\$0 \$9,255	\$0	\$857	\$1,200	\$1,500
Languages	\$0,913	• • •	\$9,000	\$7,693	\$9,000	\$10,500
Misc		\$1,036	\$400	\$153	\$400	\$400
GD-ROM	(\$12)		\$1,000	\$998	\$500	\$50
AEU	\$82	\$200	\$700	\$1,932	\$2,500	\$4,000
DABU	\$3,663	\$4,559	\$5,600	\$10,523	\$11,000	\$12,500
EBU	\$0	\$0	\$0	\$0	\$0	. S C
OBU	50	\$3	\$0	\$0	\$0	\$0
	SO.	\$0	\$0	50	\$0	\$0
coal Actual Earned Royaldes	\$91,006	\$107,382	\$150,307	\$162,904	\$185,430	\$215,389
let UP8 Revenue IP8 Reserve	\$12,094	\$23,101	(\$4,300)	\$19,700	\$15,000	\$0
	50	\$0	(\$7,000)	50	\$2,000	\$5,000
otal Royalty Revenue Inished Goods		\$130,483	\$139,007	\$182,604	\$202,430	\$220,389
Mice	\$747	\$1,818	\$17,000	\$9,700	\$12,000	\$12,000
Packaged DOS	17,4E8	\$13,850	\$14,800	\$12,900	\$15,500	\$18,000
Packaged OS/2/SDK	\$1,252	\$1,300	\$1,000	\$0	\$500	\$500
Packaged Lan Man	\$0	\$1	50	50	\$0	50
Packaged SQL Server	50	\$0	\$2	50	50	so
Densities and Charles of the	\$0	\$0	\$0	\$0	50	\$0
Packaged Comm Server	\$2,477	\$1,855	\$2,000	\$300	52,000	\$2.000
Other packaged goods	States and a second					
Packaged Comm Server Other packaged goods otal Finished Goods Revenue	\$11,934	\$20,834	\$34,802	\$22,900	\$30,000	\$32,500

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OEMINT_ILS

International*	FY89	FY90	FY91	FY92	FY93	FY94
Processors (000)						
IBM Machines	1,357	•		1,825	1,986	2,170
Other OEM (licensed) Mach			•	7.726		8,720
Total Machines	8,930			9,551	10,131	10,890
Penetrations of Major Products		vi Processo	rs			
% shipping DOS	<u>92.4%</u>	97.2%	99.0%	97.0%	96.5%	96.5%
% shipping Windows	16,1%	13.6%	20.0%	30.7%	35.0%	40.0%
% shipping OS/2	0.1%	0.3%	0.4%	0.8%	1.0%	2.0%
Units of Lan Man	433			8,500	25,000	175,000
Average Royalty for Major Proc	lucts on no	n-IBM proci	835075			
S per DOS	\$16.85	\$14,99	\$16.00	\$16.38	\$16.00	\$15.70
S per Windows	\$8.44	\$10.04	\$15.29	\$15.63	\$16.00	\$15.70
S per OS/2 (pross)	\$178.57	\$126.55	\$115.00	\$105.75	\$75.00	\$60.00
S per Lan Man	\$623.58	\$\$47.93	\$400.00	\$372.47	\$175.00	\$50.00
Actual Earned Royatties (\$000)				855018		
DOS (nci GW)	586 758	\$106,158	\$124,718	\$120.297	\$125.767	\$132,112
Windows	\$7,585	\$9,923	\$24,074	\$37,034	\$45.615	\$54,762
05/2	\$1,418	\$2,784	\$3,622	\$6,345	\$6,109	\$10,464
	\$270	\$1,612	\$2,200	\$3,166	\$4,375	\$8,750
Lan Man Actual Earned Royalties (\$000)						
DOS	s acijski rito: SC	50	50	 \$0	\$0	so
Win	50	ŝõ	ŝõ	50	so	ŝõ
	• •		ŝõ	50	50	so
OS/2 (net)	02 50	\$0 \$0	so	sõ	sõ	so
Lan Man					**	÷~
Actual Earned Royalties (\$000)		TOOLCIS, BE	1 processor: \$663	\$	\$1,000	\$1,500
Printer	\$0	\$541	• • • • • •	\$1,225	\$900	\$750
MS-Net	\$1,271	\$1,259	\$2,000 \$16	\$615	\$500	\$400
SQL Server	\$0	\$1	÷ · -	\$201	\$300	\$350
Comm Server	50	\$0	\$250			
Xanix	\$2,345	\$544	\$1,200	\$1,000	\$900	\$900
Languages	\$350	\$355	\$70	\$70	\$100	\$100
Misc.	\$703	(\$24)		\$210	\$0	\$0
CD-ROM	\$523	\$509	\$360	\$367	\$750	\$1,500
ABU	\$4,438	\$4,468	, \$4,800	\$3,328	\$4,000	\$5,000
OABU	50	\$0	\$0	50	50	\$0
EBU	\$3	50	\$0	\$0	50	\$0
OBU	\$0	\$0	SO	\$0	SO	50
Total Actual Earned Royatties	\$106,657	\$128,229	\$164,273	\$173,940	\$190,315	\$216,588
Net UPB Ravenue	\$33,940	\$38,058	\$3,000	\$2,778	(\$5,000)	1,
UPB Reserve	\$0	(\$10,500)	(\$8,500)	\$0	\$5,000	\$13,500
Total Royalty Revenue	\$139,597	\$155,785	\$158,773	\$176,718	\$190,315	\$225,088
Finished Goods						
Mice	\$0	\$0	\$0	\$760	\$1,000	\$1,200
Packaged DOS	\$0	\$0	SO	\$0	S 0	\$ 0
Packaged OS/2/SDK	50	\$0	\$0	\$0	50	\$0
Packaged Lan Man	\$0	\$0	SO	\$0	\$0	\$0
Packaged SOL Server	\$0	50	\$0	\$0	50	\$0
Packaged Comm Server	\$0	so	50	\$0	50	\$0
Other packaged goods	so	50	\$0	\$1,800	\$2,500	\$3,000
Total Finished Goods Revenue	50	SO	\$0	\$2,560	\$3,500	\$4,200
				-		

Total OEM Channel Revenue \$138,597 \$155,785 \$158,773 \$179,278 \$193,815 \$229,288

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DENTCON XLS

O Calestand					D (200			
Consolidated		FY89	FY90	FY91	FY92	FY93	<i>₹</i> 194	
Processors (000)								
IBM Machines		2,468	2,695			3,610	3,946	
Other OEM (licensed) Ma	crunes	9,218	11,299		- (14,346	15,660	
Total Machines		11,586	13,994	15,473	16,447	17,956	19.606	
Penetrations of Major Produc	ots on nor							
% shipping DOS		94.8%	98.2%	99.4%	98.2%	98.0%	98.1%	
% shipping Windows		20.5%	17.6%	22.6%	30.3%	35.0%	40.0%	
% shipping OS/2		0.2%	0.4%	0.5%	0.7%	1,0%	2.2%	
Units of Lan Man		4,580	47,495	145,500	144,500	225,000	575,000	
Average Royalty for Major Pr	roducts or	non-IBM proc	essors					
\$ per DOS		\$18,91	\$15.57	\$16_81	\$17.00	\$16.43	\$16.05	
\$ per Windows		\$7.75	\$9.22	\$15.46	\$16.58	\$16,43	\$16.05	
\$ per OS/2 (gross)		\$149.11	\$125.85	\$116.82	\$107.50	\$72.84	\$55.57	
S per Lan Man	- , ·	\$537.94	\$395.14	\$281.39	\$239.01	\$116.65	\$38.92	
Actual Earned Royables (\$00	10) on Maj	or Products, no	on-IBM proces	5073				
DOS (Incl GW)		\$147,771	\$173,897	\$207,160	\$215,836	\$231,167	\$246,622	
Windows		\$14,627	\$17,813	\$43,329	\$65,959	\$82,505	\$100,568	
0 5/2		\$2,899	\$5,525	\$7.506	\$10,521	\$10,449	\$19,139	
Lan Man		\$2,484	\$8,853	\$12,700	\$9,713	\$12,375	\$18,750	
Actual Earned Royables (300	0) on Ma)	or Products, 18	M processors					
DOS		\$0	\$0	- \$0	\$500	S 0	\$0	
Win		\$90	50	\$7,425	\$261	\$2,500	\$3,000	_
OS/2 (net)		\$857	\$2,188	\$3,500	\$298	\$0	50	-
Lan Man		\$1,058	\$271	\$2,500	\$1,200	\$600	\$400	
Actual Earned Royattles (\$00	0) on Mine	or Products, all	processors	•••••			• • • • •	• • •
Printer		\$0	\$1,268	\$1,563	\$961	\$2,500	\$3,500	
MS-Net		\$5,693	\$8,259	\$5,000	\$2,559	\$2,400	\$2,250	
SQL Server		\$472	\$285	\$18	\$694	\$600	\$500	
Comm Server		50	\$0	\$250	\$1,068	\$1,500	\$1,850	
Xanbe		\$11,258	\$9,899	\$10,200	\$8,693	\$9,900	\$11,400	
Languages	A	\$1,291	\$1,392	\$470	\$223	\$500	\$500	
Misc.	Ē	\$891	\$427	\$1,300	\$1,208	\$500	\$500	
CD-ROM	≻z	\$605	\$709	\$1,060	\$2,299	\$3,250	\$5,500	
ABU		\$8,099	\$9,025	\$10,400	\$13.851	\$15,000	\$17,500	•
DABU	මිම	50	50	\$0	\$0	\$0	\$0,1,500 \$0	
EBU	美正	50	\$0	50	\$0	\$0	50	
OBU	≁Z	\$0	50	\$0	50	SO .	\$0 \$0	
Total Actual Earned Royalities	Ŋ.	\$197,875	\$235,611	\$314,580	\$338,844	\$375,745	\$431,977	
Net UPB Revenue	0	\$48,034	\$61,157	(\$1,300)	\$22,478	\$10,000	(\$5,000)	
UPB Reserve		50	(\$10,500)	(\$15.500)	\$0	\$7,000	\$18,500	
Total Royalty Revenue		\$243,909	\$286,268	\$297,780	\$359,322	\$392,745	\$445,477	
Finished Goods					www.com	4006,140	9443,471	
Mice		\$747	\$3,818	\$17,000	\$10,460	\$13,000	£13 000	
Packaged DOS		\$7.458	\$13,860	\$14,800	\$12,900	\$15,500	\$13,200 \$18,000	
Packaged OS/2/SDK		\$1,252	\$1,300	\$1,000	\$0	\$13,500		
Packaged Lan Man		\$0	\$1	\$0	\$0	3300 \$0	\$500	AL
Packaged SQL Server		. 5 0	\$0	52	\$0	50	\$0 \$0	7L
Packaged Comm Server		50	50	ŝõ	- 50	50 50	. SO	Sa
Other packaged goods		\$2,477	\$1,855	\$2,000	\$2,100	50 54,500	\$5,000	1 g
Total Finished Goods Revenue		\$11,934	\$20,834	\$34,802	\$25,460	\$33,500	\$36,700	MS 5010368 CONFIDENTIAL
				and a fighter	Statute & Party		and,100	S 0
Total OEM Channel Revenue		\$255,843	\$307,102	\$332,582	\$384,782	\$426,245	\$482,177	ΣŲ

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Non-IBM Actual Unit Product Shipments (OCC), Based on Penetration Assumptions (no data entry fields on this sheet)

	FY89	FY90	FY91	FY92	FY93	FY94
USA Non IBM						7134
DOS	3,590,000	4,011,931	4.524,787	5,402,281	6,200,000	6.940,000
Waxdows	389,000	995,000	1,221,692	1.613.000	2,170,000	
05/2	11,500	22.000	33,205	38.000	62,000	2,775,000
Lan Man	4,147	44,553	140,000	136,000	200,000	173,500 400,000
International Non IBM						
DOS		.				
Windows	5,149,000	7,080,000	7,794,844	7,494,573	7,860,408	8,414,500
	899,000	988,000	1.574,716	2,369,000	2,850,925	3,488,000
05/2	7,941	22,000	31,494	60,000	81,455	174,400
Lan Man	433	2,942	5,500	8,500	25,000	175,000
Consolidated Non IBM						
DOS	8,739,000	11,091,931	12,319,531	12,896,954	14,060,408	15,354,300
Windows	1,888,000	1,983,000	2,796,408	3.982.000	5,020,925	5,264,000
0 5/2	19,441	44,000	64,700	98.000	143,455	347,900
Lan Man	4,580	47,495	145,500	144,500	225,000	575,000
Actual Earned Royalty Revenue Per Pr	OCOSSOT					-
USA (excl. IBM processors)	\$24.97	\$26.77	\$33.22	\$30.15	\$29.91	\$31.04
International	\$18.96	\$17.60	\$20.86	\$22.51	\$23.36	\$24.84
Total Royalty Revenue Per Processor (* (a				
USA (excl. IBM processors)						
international	\$28.28	\$32.52	\$30.72	\$33.80	\$32.65	\$31.75
ta zaułana zianadata utaz zadata:	\$25.05	\$21.38	\$20.17	\$22.87	\$23.36	\$25.31

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