

# fabless dedicated ERP

## FabLessERP™

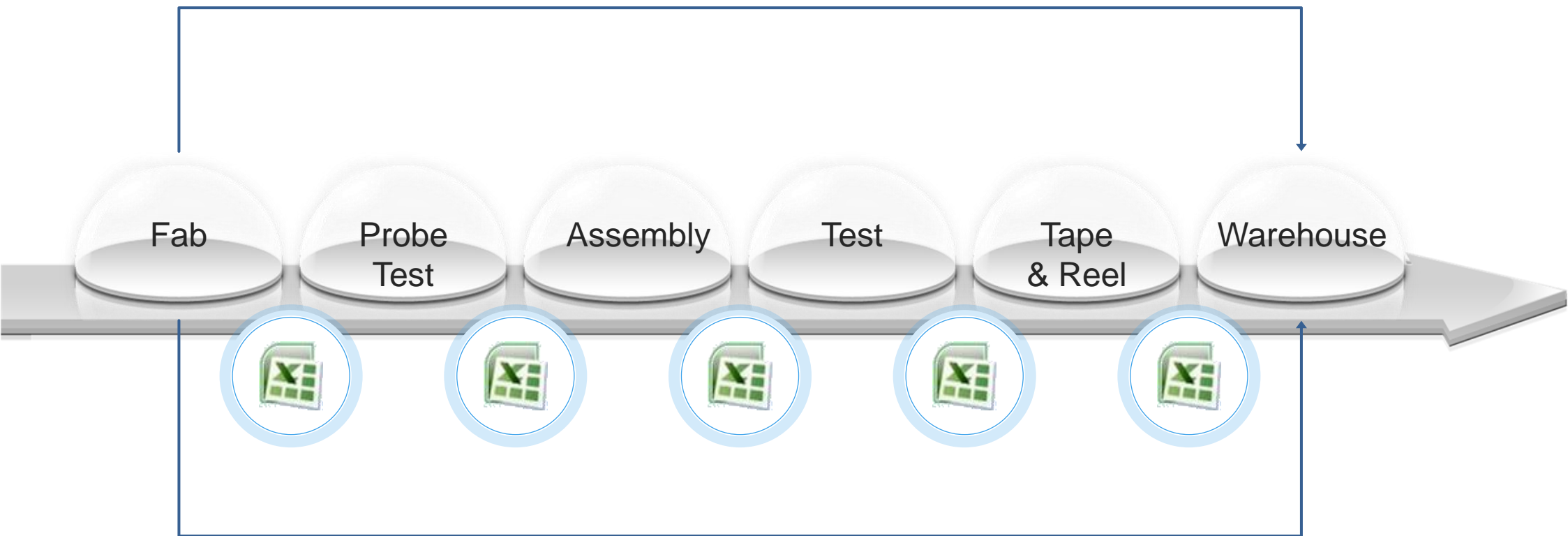


# 1

# Process Management Issue

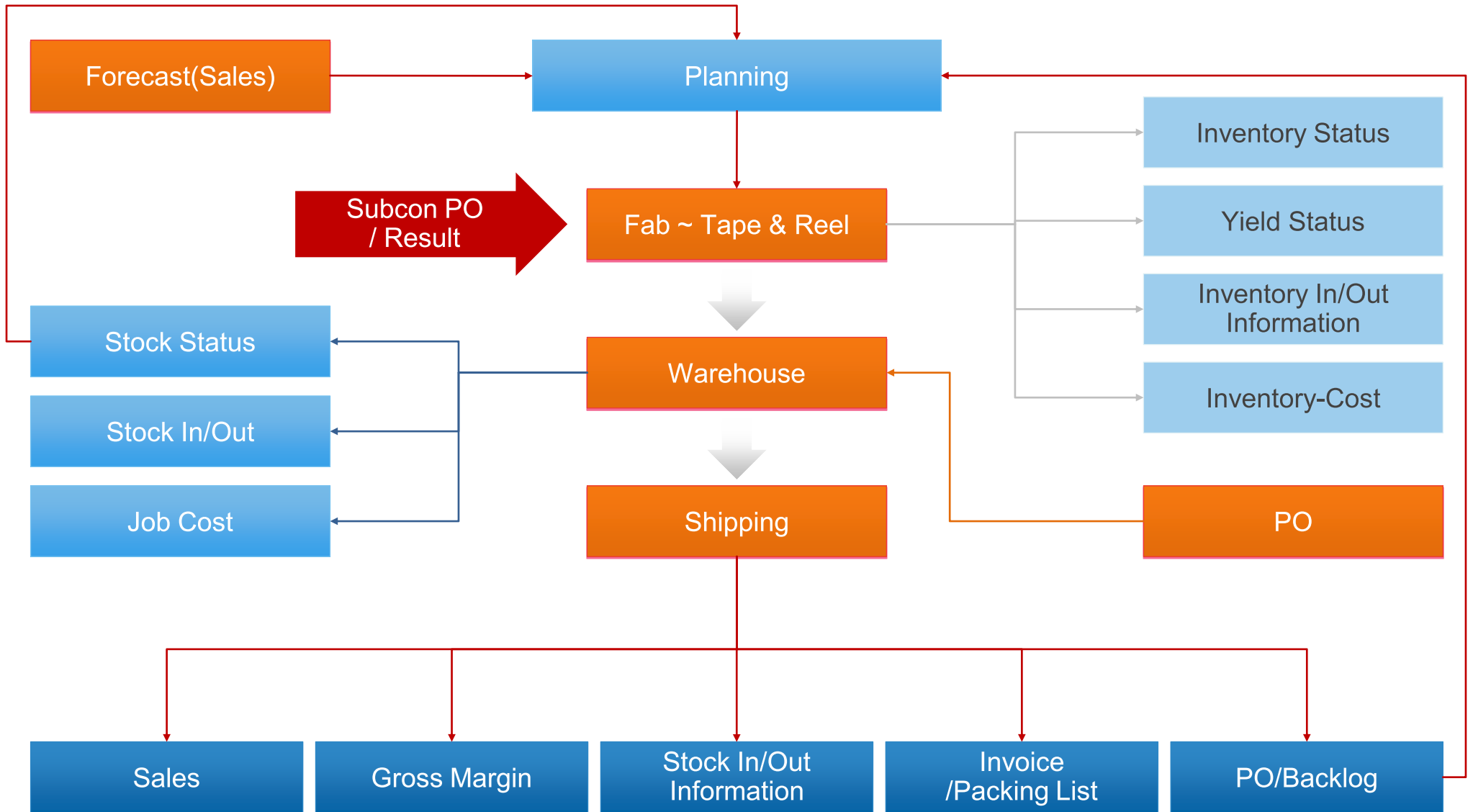


How do you manage manufacturing process data?

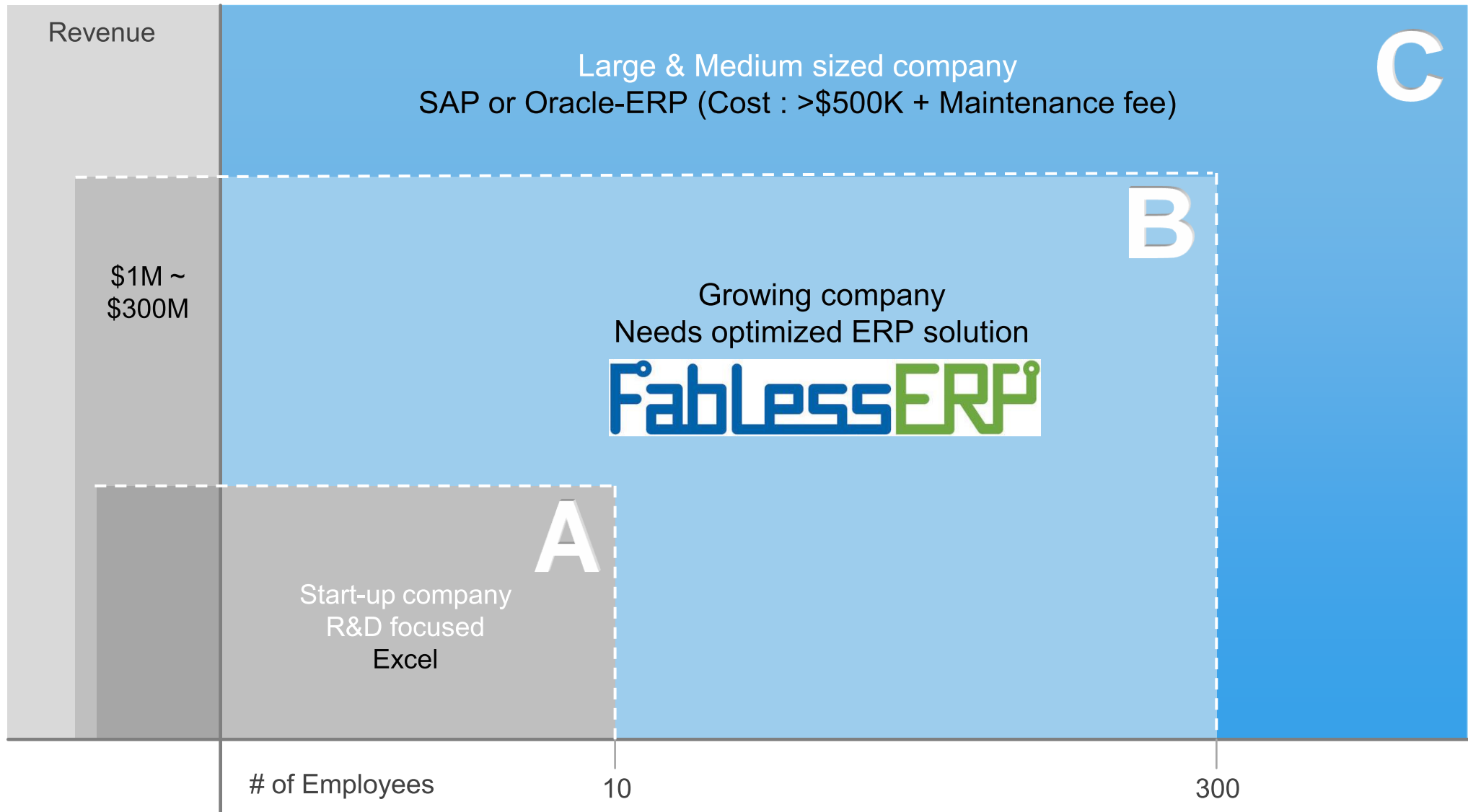


Cost, Yield, Gross Margin, Inventory, Backlog, Stock, Asset, Invoice

# 2 Process & Reports



# 3 Who needs FabLessERP?



# 4 To Be Smarter



	Start-up company <\$0.5M	Growing company \$0.5M~\$300M	Large & Medium sized company >\$300M
Process Management Tool or System	Excel, MS-Access	FablessERP™	SAP, ERP
Operation Cost	High labor cost	Low Labor & system cost	>\$500K + Maintenance fee
Business Reports	Manual	Auto generation	Auto generation
Process history management	Manual	Auto generation	?
Time for generating balance sheet & statement	> two weeks	10 sec	?
Manufacturing Cost Calculation	Manual, not accurate	Auto generation, Very accurate	Auto generation, Very accurate
Comparison	Manual, less reliable data high possibility of human error	Reliable data, Lower cost	Reliable Data, Higher cost

# 5 Winning Factors for Fabless



Yield Monitoring – Job Cost Monitoring – Delivery Monitoring

- 1 Partnership with global companies like Samsung, LG, Apple, Huawei, Xiaomi, etc.  
System link to customer's rolling forecast and production plan  
Optimization of production material and finished goods
- 2 Building reliable production management system  
Calculation of very accurate production cost, revenue & margin  
Seamless support for customer P/O & delivery
- 3 Cost reduction  
Data logging and management for all the production unit  
Good understanding about the status of each production step for quick corrective action

# 6

## Summary of Benefits



### Data Accuracy

- Production cost and yield for each step

### Cooperation

- Company wide sharing of real-time data (Sales data, Backlog, PO, WIP etc)

### Biz Data

- Up to date units booked and sold, NR & backlog

### Statement

- Auto generation of accurate statement and balance sheet

### Reports

- Auto generation of business reports

### Supply Chain

- Custom setting for routing supply chain

### Conclusion

- Double or triple productivity.
- Helps management make quick decision



# Contents

- I. 'FabLessERP™' Overview
- II. Block diagram
- III. System diagram
- IV. Features and Benefits
- V. Main functions
- VI. Core Technologies
- VII. Main features
- VIII. Required Setup time
- IX. Expectation



# I FabLessERP™ Overview



System Integration of all the unit process and is a big challenge for a Fabless Semiconductor company outsourcing the fabrication, packaging, test, and others.

FabLessERP™ is the optimized ERP software for Fabless, enables centralized management for the information of all the independent operating, sales and manufacturing process.

# II Block diagram



- Accurate calculation of cumulative costs
- Production planning (quantity and timing)
- User friendly menu and display
- Sophisticated Data Management
- Customizable software
- Superior data reliability
- Easy to modify data



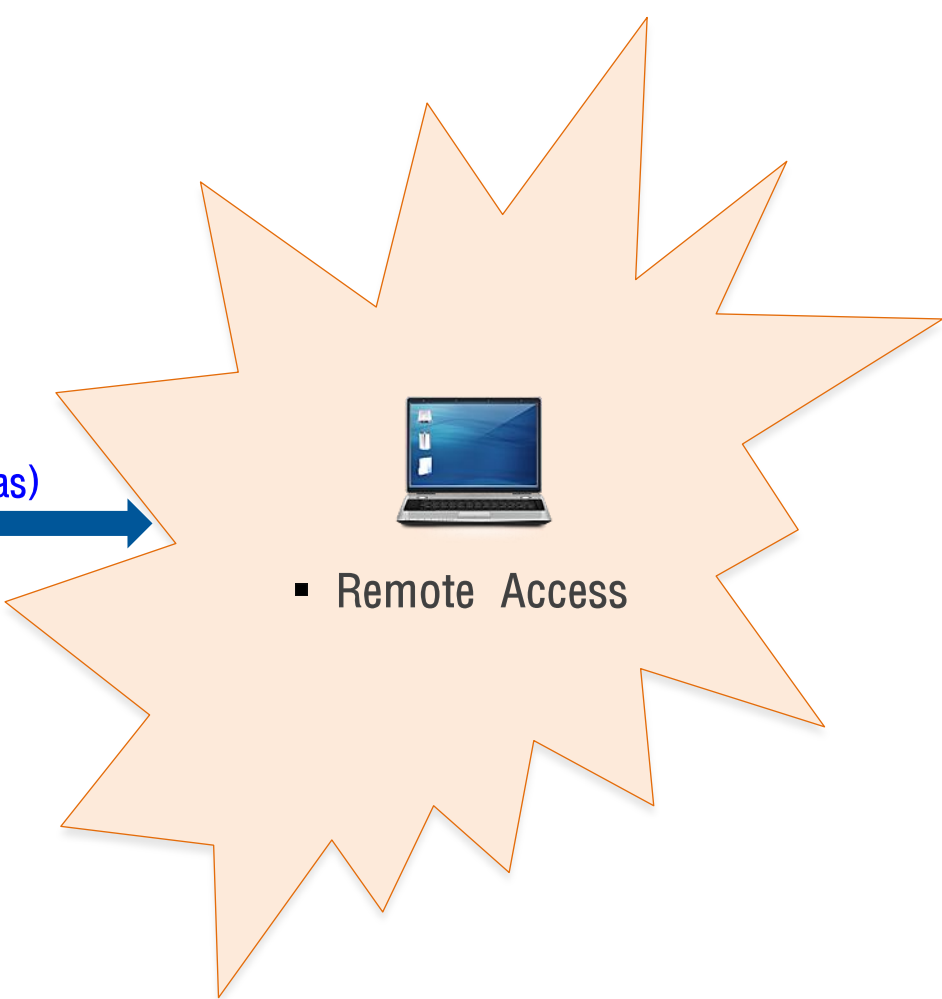
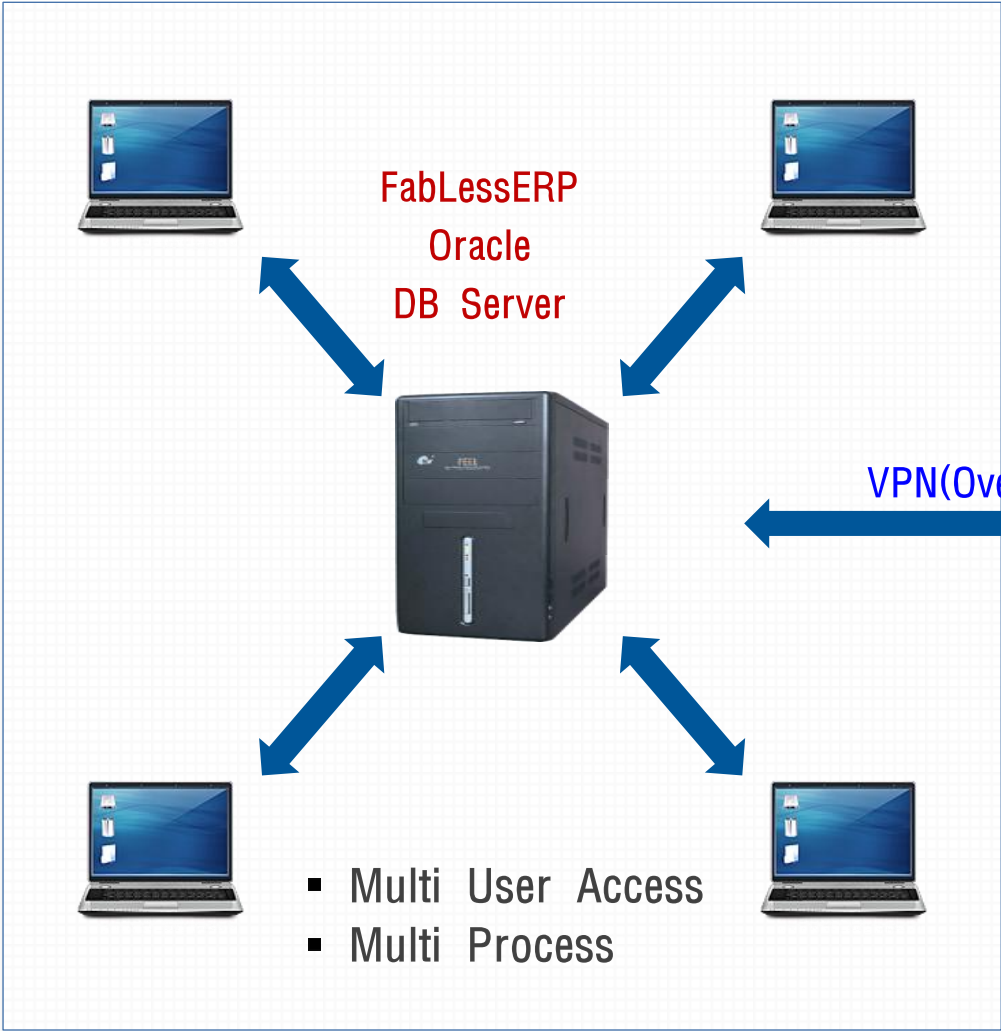
# III

# System Diagram



## Intra-net

## Internet



# IV Features and Benefits



- Fabless companies to develop optimized
- A simple system configuration and fast response
- Maintenance can be customized



- Using the most stable database
- Per-user privileges thorough control
- Excellent scalability



# V Main functions



Main function	Summary
WIP	WIP Status, WIP receipts and payments Status
Warehouse(Stock)	Stock status in the Warehouse
Shipping	Order shipment after checking inventory status.
Customer P/O	Customer order registration and approval
Subcontractor P/O	Subcontractor order information, registration and management
Cost Calculation	Calculation of the cost of each production step, cost of finished goods by lot.
Monthly Statement	Generation of monthly statement or report by analyzing WIP, inventory, cost, revenue, etc.
Planning	Production planning by analyzing FCST, WIP, inventory, backlog and order shipment.
Basic Information	Generation and management of user-defined information
Backlog	Inventory management based on customer order
Gross Margin	Calculation of gross margin based on detailed cost analysis.
SCM-Routing	User-defined manufacturing routing for easy management and reduction of human error.
Admin	Administration for the system and users.



## Competitive Advantages of FabLessERP™

### Individual Cost

1. Cost management for the individual device at each manufacturing process. Enables calculation of the cost of each device out of over 100Mu devices in the pipeline.
2. Accurate cost calculation of individual device to 10 decimal places. Generates accurate cost data and provide accounting with real-time data.
3. SCM can save resources for generating device cost and statement.

### Product Planning

1. Calculation of weekly basis demand and supply by analyzing sales forecast, backlog, shipment and inventory.
2. Helps product planning have clear visibility over the timing for entering order on the wafer level.
3. 50% cost reduction for the inventory by optimization of WIP.

# VII Main features (1/16)



## Inventory(WIP)

Input-Backend

Process: CP In Date: 2013-07-05 - 2013-07-12  All Out: N

SubCon: All Generic: All Fg Code: All Assy Lot:

Pay	Fg Code	Generic	MP/ER	Wafer Lot	Wafer No	Assy Lot	W/Qty	In Qty	In Date	SubCon	Pkg Type	DateCode	Remark
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	12	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	13	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	14	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	15	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	16	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	17	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	18	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	19	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	20	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	21	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	22	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	23	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	24	NGY356	1	14,630	2013-06-19	SUB_04			
<input type="checkbox"/>	ABC319	ABC319	MP	NGY356	25	NGY356	1	14,630	2013-06-19	SUB_04			

7/67 rows 67 980,210

**Ancestor**

Process	Fg Code	Generic	MP/ER	Wafer Lot	Wafer No	Assy Lot	W/Qty	In Qty	In Date	Out Qty	Out Date	Fail Qty	SubCon
FAB	ABC319	ABC319	MP	NFW040	12	NFW040	1	14,630	2012-12-08	14,630	2013-06-05	0	TSMC

1/1 rows

# VII Main features (2/16)



## Inventory(WIP) Shipment

Inventory-Shipment

Process: ASSY In Date: 2013-07-05 - 2013-07-12  All

SubCon: All Generic: All Fg Code: All Assy Lot:

*Pay	*Out Date	*Out Qty	*Amount(\$)	*Fail Qty	Fg Code	Generic	MP/ER	Wafer Lot	Wafer No	Assy Lot	W/Qty	In Qty	In Date	SubCon	Pkg Type
<input checked="" type="checkbox"/>	2013-03-06	34,822	123,106.4		ABC250ASR	ABC333	MP	N3K540		N3K540206SB		34,822	2013-03-05	SUB_05	SIP
<input checked="" type="checkbox"/>	2013-03-08	6,888	11,806.66		ABC333W	ABC333	MP	N4M412	9	N4M412	1	6,888	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,937	11,806.66		ABC333W	ABC333	MP	N4M412	11	N4M412	1	6,937	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,820	11,806.66		ABC333W	ABC333	MP	NCG753	24	NCG753	1	6,820	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,921	11,806.66		ABC333W	ABC333	MP	NCG754	22	NCG754	1	6,921	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,797	11,806.66		ABC333W	ABC333	MP	NCG755	7	NCG755	1	6,797	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,753	11,806.66		ABC333W	ABC333	MP	NCR724	22	NCR724	1	6,753	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,788	11,806.66		ABC333W	ABC333	MP	NCR724	23	NCR724	1	6,788	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,769	11,806.66		ABC333W	ABC333	MP	NCR724	24	NCR724	1	6,769	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,813	11,806.66		ABC333W	ABC333	MP	NCR724	25	NCR724	1	6,813	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,818	11,203.4		ABC333W	ABC333	MP	NCU456	1	NCU456	1	6,818	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,840	11,806.66		ABC333W	ABC333	MP	NCU456	18	NCU456	1	6,840	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,699	11,806.66		ABC333W	ABC333	MP	NCX609	13	NCX609	1	6,699	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,857	11,806.66		ABC333W	ABC333	MP	NFC863	4	NFC863	1	6,857	2013-03-08	SUB_13	WLCSP
<input checked="" type="checkbox"/>	2013-03-08	6,849	11,806.66		ABC333W	ABC333	MP	NFC863	6	NFC863	1	6,849	2013-03-08	SUB_13	WLCSP
<input type="checkbox"/>	..		0.		ABC666Q	ABC666	MP	QCG670		QCG670	24	188,592	2013-04-08	SUB_08	QFN
<input type="checkbox"/>	..		0.		ABC888Q	ABC888	ER	QCG708	1	QCG708	1	5,868	2013-05-27	SUB_08	QFN
<input type="checkbox"/>	..		0.		ABC888Q	ABC888	ER	QCG708	2	QCG708	1	5,868	2013-05-27	SUB_08	QFN
<input type="checkbox"/>	..		0.		ABC888Q	ABC888	ER	QCG708	3	QCG708	1	5,868	2013-05-27	SUB_08	QFN
<input type="checkbox"/>	..		0.		ABC818ACCC	ABC333	MP	NFC868	11	NFC868	1	6,847	2013-06-24	SUB_05	QFN
<input type="checkbox"/>	..		0.		ABC818ACCC	ABC333	MP	NFC868	12	NFC868	1	6,762	2013-06-24	SUB_05	QFN

1/51 rows 130,371 0 547,568



# VII Main features (3/16)



## Inventory(WIP) Status

Inventory Status

MP/ER: All, Assy Lot: , Generic: All, Fg Code: All

Search SaveAs Close

Inventory Status1

MP/ER	Generic	Fg Code	Assy Lot	SubCon	FAB	FAB_DB	CP	CP_DB	ASSY	ASSY_DB	TEST	TEST_DB	TNR	subcon-WH
ER	ABC301	ABC301	QBV158	SUB_04					4,990					
ER	ABC301	ABC301	Sum :						4,990					
ER	ABC301	ABC301	Sum :						4,990					
ER	ABC319	ABC319	NFW040	SUB_04			14,630	28,857						
ER	ABC319	ABC319	Sum :				14,630	28,857						
ER	ABC319	ABC319	Sum :				14,630	28,857						
ER	ABC888	ABC888Q	QBR947	SUB_08					5,868					
			QCG708	SUB_08					17,604					
ER	ABC888	ABC888Q	Sum :						23,472					
ER	ABC888	ABC888Q	Sum :						23,472					
ER			Sum :				14,630	28,857	28,462					
MP	ABC301	ABC301	QBV158	SUB_04					29,900					
				TSMC	53,820									
				QCH444	TSMC	149,500								
MP	ABC301	ABC301	Sum :				203,320		29,900					
MP	ABC301	ABC301	Sum :				203,320		29,900					
MP	ABC319	ABC319	NFW040	SUB_04			234,080	57,657						
			NGN465	SUB_04			365,750							

1/71 rows

# VII Main features (4/16)



## Stock Status

Stock Status

Generic: All Fg Code: All MP/ER: All Out: N

Assy Lot: Search SaveAs Close

Fg Code	Generic	MP/ER	Wafer Lot	W/No	Assy Lot	W/Qty	In Qty	In Date	DateCode	WH-Loc	Split	Cost(\$)	Amt(\$)	Locked	Lock Desc	Out YN	Out Date	
ABC319ABB	ABC319	ER	NFW040	1	NFW040315WA01	1	496	2013-05-06	1318	ABLE	SPLIT	0.9545	473.44	<input type="checkbox"/>		N	--	ST
ABC319ABB	ABC319	ER	NFW040	1	NFW040315WA01	1	2,550	2013-05-06	1318	ABLE	SPLIT	0.9545	2,434.03	<input type="checkbox"/>		N	--	ST
ABC319ABB	ABC319	ER	NFW040	2	NFW040315WA01	1	146	2013-05-06	1318	ABLE	SPLIT	1.0101	147.48	<input type="checkbox"/>		N	--	ST
ABC319ABB	ABC319	ER	NFW040	2	NFW040315WA01	1	9,000	2013-05-06	1318	ABLE	SPLIT	1.0101	9,091.35	<input type="checkbox"/>		N	--	ST
ABC333BBB	ABC333	MP	NBR389		NBR389215WC01		1,228	2013-03-19	1215	ABLE	SPLIT	2.3006	2,825.12	<input type="checkbox"/>		N	--	ST
ABC333BBB	ABC333	MP	NCG756		NCG756231WB01	2	739	2013-03-19	1231	ABLE	SPLIT	2.2742	1,680.65	<input type="checkbox"/>		N	--	ST
ABC333BBB	ABC333	MP	NCV626		NCV626235WB01	2	674	2013-03-19	1235	ABLE	SPLIT	2.1479	1,447.69	<input type="checkbox"/>		N	--	ST
ABC333BBB	ABC333	MP	NCX610		NCX610238WB01		1,772	2013-03-19	1238	ABLE	SPLIT	2.1747	3,853.53	<input type="checkbox"/>		N	--	ST
ABC333BBB	ABC333	MP	NCX610		NCX610238WB01		16,587	2013-03-19	1238	ABLE	SPLIT	2.1747	36,071.42	<input checked="" type="checkbox"/>	lock desc1	N	--	ST
ABC666ACC	ABC666	MP	QBS417		QBS417305AA01	8	38,025	2013-03-27	1305	ABLE	SPLIT	0.4669	17,753.11	<input checked="" type="checkbox"/>	lock desc2	N	--	ST
ABC666ACC	ABC666	MP	QCG286		QCG286315AB01	15	1,750	2013-04-29	1315	ABLE	SPLIT	0.4579	801.26	<input type="checkbox"/>		N	--	ST
ABC666ACC	ABC666	MP	QCG286		QCG286315AB01	15	16,000	2013-04-29	1315	ABLE	SPLIT	0.4579	7,325.76	<input type="checkbox"/>		N	--	ST
ABC818ACCC	ABC333	MP	NFC867		NFC867323AA04		24,570	2013-06-18	1323	ABLE		2.3122	56,809.77	<input type="checkbox"/>		N	--	ST
ABC818ACCC	ABC333	MP	NFC867		NFC867323AA05		33,682	2013-06-18	1323	ABLE		2.3122	77,878.17	<input type="checkbox"/>		N	--	ST
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA01		688	2013-03-05	1306	ABLE	SPLIT	2.1292	1,464.86	<input type="checkbox"/>		N	--	ST
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA02		320	2013-03-05	1306	ABLE	SPLIT	2.129	681.28	<input type="checkbox"/>		N	--	ST
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA02		457	2013-03-05	1306	ABLE	SPLIT	2.129	972.95	<input type="checkbox"/>		N	--	ST
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA03		5,833	2013-03-05	1306	ABLE	SPLIT	2.0706	12,077.69	<input type="checkbox"/>		N	--	ST
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ABC818ACCC	ABC333	MP	NFR932		NFR932306AA04		950	2013-04-03	1306	ABLE	SPLIT	2.1682	2,059.79	<input type="checkbox"/>		N	--	ST

9/77 rows 1,413,252 1,489,479.15

# VII Main features (5/16)



## Shipping and Delivery

Shipping Information

Customer: All Ship Date: 2013-07-05 - 2013-07-12 All Inv No: Search New Delete Save Print Close

Invoice No	Customer	Ship to	Bill to	ShipDate
INV-130627-001	CUST_25	ADDR_56	ADDR_76	2013-06-27
INV-130626-001	HANSOFT	HAN_ADDR2	HAN_ADDR1	2013-06-26
INV-130625-001	CUST_03	ADDR_52	ADDR_12	2013-06-25
INV-130624-001	NCSOFT	NC_ADDR1	NCSOFT	2013-06-24
INV-130620-001	CUST_18	ADDR_59	ADDR_59	2013-06-20
INV-130619-001	CUST_25	ADDR_56	ADDR_76	2013-06-19
INV-130618-01M	MICROSOFT	MS_ADDR1	MS_ADDR1	2013-06-18
INV-130617-01M	CUST_05	ADDR_17	ADDR_17	2013-06-17
INV-130617-001	NCSOFT	NC_ADDR2	NCSOFT	2013-06-17
INV-130614-001	CUST_03	ADDR_52	ADDR_12	2013-06-14
INV-130612-02M	HANSOFT	HAN_ADDR1	HAN_ADDR1	2013-06-12
INV-130612-01M	ABLESOFT	ABLE_ADDR4	ABLE_ADDR3	2013-06-12
INV-130612-001	CUST_06	ADDR_21	ADDR_19	2013-06-12
INV-130610-001	NCSOFT	NC_ADDR2	NCSOFT	2013-06-10
INV-130607-001	CUST_13	ADDR_37	ADDR_38	2013-06-07
INV-130605-002	CUST_11	ADDR_34	ADDR_34	2013-06-05
INV-130605-001	CUST_07	ADDR_14	ADDR_27	2013-06-10
INV-130604-001	NCSOFT	NC_ADDR2	NCSOFT	2013-06-04
INV-130603-01M	CUST_07	ADDR_48	ADDR_28	2013-06-03
INV-130603-003	CUST_25	ADDR_56	ADDR_76	2013-06-03
INV-130603-002	CUST_07	ADDR_48	ADDR_28	2013-06-03
INV-130603-001	CUST_24	ADDR_73	ADDR_74	2013-06-03
INV-130531-02C	ABLESOFT	ABLE_ADDR3	ABLE_ADDR3	2013-05-31
INV-130531-01C	ABLESOFT	ABLE_ADDR3	ABLE_ADDR3	2013-05-31

1/139 rows

Ship Info Ship Detail

\*Invoice No: INV-130627-001 ex) INV-yymmdd-001 / INV-yymmdd-015

**COMMERCIAL INVOICE**

**ABLESOFT**  
Head Quarter: #101, Pangyo xxx Bldg., 888 Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea (BIC registration No: 144-81-000001)  
Warehouse: #101, Pangyo xxx Bldg., C, 888 Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea

INVOICE NO: INV-130627-002  
DATE: 2013-06-29

<b>BILL TO</b> Goldwin Unit 1301-2, 13/F, 9 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong, China  ATTN: Joo Lee TEL: +852-2958-9900 Fax: +852-2957-8150	<b>SHIP TO</b> Goldwin Unit 1301-2, 13/F, 9 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong, China  ATTN: Joo Lee TEL: +852-2958-9900 Fax: +852-2957-8150
<b>PORT OF LOADING (KOREA)</b> DESTINATION (JAPAN) CARRIER HAWB NO NUMBERS PKGS TRADE TERM PAYMENT TERM	Company Registration No: 144-81-00000 <b>BANK INFORMATION</b> 1. Address: Industrial Bank Of Korea 55, Ulsanho 2-ga, Chung-gu, Seoul, 100-758, Korea Industrial Bank Of Korea  2. USD Account: 873-000000-88-00011 KRW Account: 873-000000-04-081 3. Swift: IBCOKR33  REMARK

**SHIPPING DETAILS (UNIT: Pcs, USD)**

PART NO	ORDER NO	UNIT PRICE	QTY	AMT
AB510VL	20130222-0003	1,931	90,000	184,790.00
<b>TOTAL QTY(PCS):</b>			<b>90,000</b>	
<b>TOTAL AMT:</b>			<b>184,790.00</b>	

Signed by:   
CEO

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**PACKING LIST**

**ABLESOFT**  
Head Quarter: #101, Pangyo xxx Bldg., 888 Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea (BIC registration No: 144-81-000001)  
Warehouse: #101, Pangyo xxx Bldg., C, 888 Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea

INVOICE NO: INV-130627-002  
DATE: 2013-06-29  
NUMBER PKG: 1  
WEIGHT: 2 kg

<b>SHIP TO</b> Goldwin Unit 1301-2, 13/F, 9 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong, China				
MODEL	WAFER LOT	ASBY LOT	DATE CODE	QTY
AB510VL	002345	0023451805W02		90,000
<b>TOTAL QTY(PCS):</b>				<b>90,000</b>

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FabLessERP

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ABLESOFT

# VII

# Main features (6/16)



## Customer PO

Customer PO

Customer: All Fg Code: All

PO Date: 2013-06-01 - 2013-06-30 All Order No:

Search New Delete Save Close

CustomerPO	Type	Customer	Fg_code	Generic	PO Date
CP-130628-01	PR	CUST_13	ABC301ANZ	ABC301	2013-06-28
CP-130628-02	PR	CUST_02	ABC888CCC	ABC888	2013-06-28
CP-130627-01	PR	NCSOFT	ABC333ABB	ABC333	2013-06-27
CP-130624-02	PR	HANSOFT	ABC333BBB	ABC333	2013-06-24
CP-130624-01	PR	HANSOFT	ABC333BBB	ABC333	2013-06-24
CP-130620-02	PR	NCSOFT	ABC333ABB	ABC333	2013-06-20
CP-130620-01	PR				
CP-130618-01	ER				
CP-130618-02	PR				
CP-130617-01	ER				
CP-130614-02	ER				
CP-130614-01	PR				
CP-130614-03	PR				
CP-130612-01	ER				
CP-130610-01	PR				
CP-130607-03	PR	NCSOFT	ABC333ABB	ABC333	2013-06-07
CP-130607-02	PR	NCSOFT	ABC333ABB	ABC333	2013-06-07
CP-130607-01	PR	CUST_06	ABC666ACC	ABC666	2013-06-07
CP-130605-01	ER	ABLESOFT	ABC888CBB	ABC888	2013-06-05
CP-130604-01	PR	NCSOFT	ABC333ABB	ABC333	2013-06-04
CP-130604-02	ER	ABLESOFT	ABC888CBB	ABC888	2013-06-04
CP-130603-01	PR	HANSOFT	ABC333BBB	ABC333	2013-06-03

Customer PO cPO Detail

\*Customer PO CP-130624-01

\*Order Type PR

\*Customer HANSOFT

\*Ship To HAN\_ADDR2

*Req Date	*Qty	Remark	Open Qty	Use	Ship(Sum)
2013-07-03	6,000		0	3	6,000
Sum :					6,000


### ORDER CONFIRMATION

**ABLESOFT**  
Head Office #101, Pangyo-sek Bldg., 888 Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea (82-31-810-0000)

OC NO	OC-130528-01
OC DATE	2013-08-10
MESSRS	Bank Partner
ORDER NO	88848345-243
ORDER DATE	2013-03-29
DESTINATION	010-11111111-11111111, Gwangmyeong SK Technobank, Heamno 50, Gwangmyeong-gu, Gyeonggi-do, 443759, Korea
FORWARDER	JOC / Local Carrier
INCOTERMS	TT in Advance
PAYMENT TERMS	
REMARK	
ATM	Bank Use
ADVISING BANK	Industrial Bank Of Korea
ADVISING ADDRESS	50, Uijong 3-gil, Chungju-si, Seoul, 100-759, Korea Industrial Bank of Korea
SWIFT NO	IOBK3333
USD ACCOUNT	873-000000-88-00011
KRW ACCOUNT	873-000000-04-001

DETAILS						(UNITypes, USD )	
No.	PART No	SSD	QTY	UNIT PRICE	AMT	AR Balance	Due Date
1	AB8320K	2013-04-21	48,000	9.85	177,100		
TOTAL			48,000		177,100		

2013-08-10

Signed by:   
CEO

Page 1 of 1

# VII Main features (7/16)



## Subcontractor PO

SubCon PO

SubCon: All Fg Code: All

PO Date: 2013-06-01 - 2013-06-30 All sPO No: . .

Search New Delete Save Print Close

SubCon PO	MP/ER	Process	SubCon	Fg Code	PO Date
P-130625-01	ER	ASSY	SUB_04	ABC818A	2013-06-25
P-130624-04	MP	BACKEND	SUB_05	ABC818ACCC	2013-06-24
P-130624-03	MP	FAB	TSMC	ABC319C	2013-06-24
P-130624-02	MP	ASSY	SUB_04	ABC319ABB	2013-06-24
P-130624-01	ER	ASSY	SUB_04	ABC222ABB	2013-06-24
P-130620-01	ER	OTHERS	SUB_04	ABC222	2013-06-20
P-130619-02	MP	TEST&TNR	SUB_04	ABC319ABB	2013-06-19
P-130619-01	MP	CP	SUB_04	ABC319ABB	2013-06-19
P-130617-01	MP	BACKEND	SUB_05	ABC818ACC	
P-130614-05	ER	OTHERS	SUB_04	RDC100	
P-130614-04	MP	TEST&TNR	SUB_05	ABC333BBE	
P-130614-03	MP	TEST&TNR	SUB_05	ABC222ABE	
P-130614-02	MP	TEST&TNR	SUB_05	ABC333BBE	
P-130614-01	MP	TEST&TNR	SUB_05	ABC222ABE	
P-130611-02	MP	TEST&TNR	SUB_05	ABC333BBE	
P-130611-01	MP	TEST&TNR	SUB_05	ABC333BBE	
P-130610-04	MP	BACKEND	SUB_08	ABC666ACC	
P-130610-03	ER	OTHERS	SUB_03	RDC100	
P-130610-02	MP	FAB	TSMC	ABC666G	
P-130610-01	MP	FAB	TSMC	ABC301B	
P-130604-01	MP	ASSY	SUB_04	ABC319ABB	
P-130603-01	MP	BACKEND	SUB_05	ABC818ACC	

SubCon PO sPO Detail

\*SubCon PO: P-130625-01 ex) P-yyymmdd-01

\*sPO Date: 2013-06-25

\*MP/ER: ER

\*Process: ASSY

\*Fg Code: ABC818A

**PURCHASE ORDER**

**ABLESOFT**  
Head Quarter: #101, Pangyo-sa Bldg., 98B Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea (BIZ registration No. 144-01-00000)

PO DATE: 2016-04-01

PO TO	DELIVERY TERMS (D/W)
COMPANY: Semiconductor Manufacturing International Corp	PAYMENT TERMS (T/T in Advance)
ADDRESS: 18 Ahangang Road, Pudong New Area, Shanghai, P.R.C. 201203	CURRENCY: USD
ATTN:	FORWARDER: DROPSHIP
TEL:	FAX:

PO NO	PRODUCT	ITEMS	SUBCON CODE	FACTORY	DESCRIPTION	QTY	UNIT	U PRICE	AMOUNT	REG DATE	SHIP TO	SPECIAL INSTRUCTION
P-160401-01	HIDE	WAFER	S08DCE18575C		Production	25	PCS	1,500	39,000	2016-06-15	UTAC_SH	
<b>TOTAL AMT :</b>									<b>39,000</b>			

Ship to Address List  
1.UTAC\_SH : South Part of 55 Building, No. 273 Debae Road, Waigaoqiao Free Trade Zone, Shanghai, 200131, China

REMARK: \_\_\_\_\_

Signed by: \_\_\_\_\_  
CEO

Page 1 of 1

**PURCHASE ORDER**

**ABLESOFT**  
Head Quarter: #101, Pangyo-sa Bldg., 98B Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea (BIZ registration No. 144-01-00000)

PO NO: P-160610-01  
PAYMENT TERMS: T/T in Advance  
FORWARDER: ABLESOFT FEDEX (A/C# 3650 2495 1)

DELIVERY TERMS: FOB  
PO DATE: 2016-06-10

PO TO	SHIP TO
COMPANY: ITEX Semiconductor, Inc	COMPANY: ITEX Semiconductor, Inc
ADDRESS: 경기도 화성시 동탄면 동탄신안4길 9-15	ADDRESS: 경기도 화성시 동탄면 동탄신안4길 9-15
ATTN: 이지호 부장	ATTN: 이지호 부장
TEL: 031-436-2307	TEL: 031-436-2307
FAX: 031-495-6877	FAX: 031-495-6877

PRODUCT: ABS280K

PROCESS	ITEMS	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	REG DATE	SPECIAL INSTRUCTION
ASSY	ASSEMBLY	SFD221603001	113,700	PCS	0.4323	49,152.51	2016-06-02	asap
<b>TOTAL AMT :</b>							<b>49,152.51</b>	

RELATED SPEC  
ASSEMBLY SPEC NO: \_\_\_\_\_ PGM Ver: \_\_\_\_\_ PGM Code: 0000

REMARK: \_\_\_\_\_

Signed by: \_\_\_\_\_  
CEO

Page 1 of 1

1/22 rows

# VII Main features (8/16)



## Individual Job Cost of Chip

Yield&Cost of Process

Generic: All Fg Code: All Assy Lot: Last Create Time: 2013-07-12 13:21:54

Buttons: Create Cost, Search, SaveAs, Close

Yield of FAB | Yield of PROBE | **Yield of ASSY** | Yield of TEST | Yield of TNR

Process	MPER	Fg Code	Generic	Wafer Lot	W/No	Assy Lot	Amt	In Qty	Out Qty	Pay Y/N	Yield(%)	Accum Cost(\$)	Own Cost(\$)	Pre Cost(\$)
ASSY	MP	ABC333W	ABC333	NFC863	2	NFC863	932.69	6,695	6,597	Y	98.54	1.8398	0.1414	1.6736
ASSY	MP	ABC333W	ABC333	NFC863	3	NFC863	932.69	6,913	6,819	Y	98.64	1.7799	0.1368	1.6208
ASSY	MP	ABC333W	ABC333	NFC863	5	NFC863	932.69	6,766	6,637	Y	98.09	1.8287	0.1405	1.656
ASSY	MP	ABC333W	ABC333	NFC863	7	NFC863	932.69	6,860	6,749	Y	98.38	1.7984	0.1382	1.6333
ASSY	MP	ABC333W	ABC333	NFC863	8	NFC863	932.69	6,852	6,801	Y	99.26	1.7846	0.1371	1.6352
ASSY	MP	ABC333W	ABC333	NFC863	9	NFC863	932.69	6,891	6,855	Y	99.48	1.7706	0.1361	1.626
ASSY	MP	ABC333W	ABC333	NFC863	10	NFC863	932.69	6,842	6,812	Y	99.56	1.7817	0.1369	1.6376
ASSY	MP	ABC333W	ABC333	NFC863	11	NFC863	932.69	6,850	6,670	Y	97.37	1.8197	0.1398	1.6357
ASSY	MP	ABC333W	ABC333	NFC863	12	NFC863	932.69	6,865	6,774	Y	98.67	1.7917	0.1377	1.6321
ASSY	MP	ABC333W	ABC333	NFC863	13	NFC863	932.69	6,901	6,753	Y	97.86	1.7973	0.1381	1.6236
ASSY	MP	ABC333W	ABC333	NFC863	14	NFC863	932.69	6,919	6,781	Y	98.01	1.7899	0.1375	1.6194
ASSY	MP	ABC333W	ABC333	NFC863	15	NFC863	932.69	6,856	6,820	Y	99.48	1.7797	0.1368	1.6343
ASSY	MP	ABC333W	ABC333	NFC863	16	NFC863	932.69	6,886	6,791	Y	98.62	1.7872	0.1373	1.6271
ASSY	MP	ABC333W	ABC333	NFC863	17	NFC863	932.69	6,878	6,759	Y	98.27	1.7957	0.138	1.629
ASSY	MP	ABC333W	ABC333	NFC863	18	NFC863	932.69	6,901	6,845	Y	99.19	1.7732	0.1363	1.6236
ASSY	MP	ABC333W	ABC333	NFC863	19	NFC863	932.69	6,894	6,843	Y	99.26	1.7737	0.1363	1.6253
ASSY	MP	ABC333W	ABC333	NFC863	20	NFC863	932.69	6,900	6,847	Y	99.23	1.7726	0.1362	1.6239
ASSY	MP	ABC333W	ABC333	NFC863	21	NFC863	932.69	6,886	6,841	Y	99.35	1.7742	0.1363	1.6271
ASSY	MP	ABC333W	ABC333	NFC863	22	NFC863	932.69	6,933	6,852	Y	98.83	1.7713	0.1361	1.6161
ASSY	MP	ABC333W	ABC333	NFC863	23	NFC863	932.69	6,919	6,836	Y	98.80	1.7755	0.1364	1.6194
ASSY	MP	ABC333W	ABC333	NFC863	24	NFC863	932.69	6,887	6,832	Y	99.20	1.7765	0.1365	1.6269
ASSY	MP	ABC333W	ABC333	NFC863	25	NFC863	932.69	6,934	6,818	Y	98.33	1.7802	0.1368	1.6159
1/299 rows							427,860	3,337,497			1.0468			

# VII Main features (9/16)



## Stock In/Out Status

Monthly-Stock In/Out

Job Month: 2013-06 MP/ER: All  
 Generic: All Fg Code: All Assy Lot:

Search SaveAs Close

Stock-Job Month	Stock-In	Stock-Out	Stock-Pre Month									
Fg Code	Generic	MP/ER	Wafer Lot	W/ No	Assy Lot	W/Qty	Qty	Job Cost	Asset	In Date	DateCode	WH-Loc
ABC818ACCC	ABC333	MP	NFC867		NFC867323AA04		24,570	2.3122	56,809.77	2013-06-18	1323	ABLE
ABC818ACCC	ABC333	MP	NFC867		NFC867323AA05		33,682	2.3122	77,878.17	2013-06-18	1323	ABLE
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA01		688	2.1292	1,464.86	2013-03-05	1306	ABLE
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA02		457	2.129	972.95	2013-03-05	1306	ABLE
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA02		320	2.129	681.28	2013-03-05	1306	ABLE
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA03		5,833	2.0706	12,077.69	2013-03-05	1306	ABLE
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA03		10,000	2.0706	20,705.80	2013-03-05	1306	ABLE
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA04		950	2.1682	2,059.79	2013-04-03	1306	ABLE
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA04		33,710	2.0706	69,799.25	2013-03-05	1306	ABLE
ABC818ACCC	ABC333	MP	NFR932		NFR932306AA05		9,990	2.0706	20,685.09	2013-03-05	1306	ABLE
ABC818ACCC	ABC333	MP	NFT497		NFT497309AA01		900	2.1008	1,890.74	2013-04-03	1309	ABLE
ABC818ACCC	ABC333	MP	NFT497		NFT497309AA02		14,690	2.1008	30,861.05	2013-04-03	1309	ABLE

**Current month inventory = Previous month inventory + Current month Input + Current month Output**

ABC818CCCC	ABC333	MP	NFC867		NFC867316AA01		34,065	2.3672	80,636.96	2013-05-15	1316	ABLE
ABC818CCCC	ABC333	MP	NFC867		NFC867316AA02		27,935	2.3672	66,126.34	2013-05-15	1316	ABLE
ABC818GCCC	ABC333	MP	NFC867		NFC867317AA03		32,000	2.4294	77,741.44	2013-05-15	1317	ABLE
ABC888CBB	ABC888	MP	QBP749		QBP7492450104		21,000	0.7175	15,067.71	2013-01-24	1245	ABLE
ABC888CBB	ABC888	MP	QBR947		QBR9472480101		12,000	0.6424	7,709.04	2013-01-31	1248	ABLE
ABC888CBB	ABC888	MP	QBR947		QBR9472480102		24,000	0.6361	15,266.88	2013-01-31	1248	ABLE

10/77 rows 1,413,252 1,489,479.15

# VII

# Main features (10/16)



## Receipts and Payments of Stock

Monthly Stock and Asset In/out Status						
Job Month : YYYY/MM						(Qty,USD)
	Pre Month	Input	Output	This Month	Will Be	Gap
Quantity	3.945.346	540.041	900.768	3.584.619	3.584.619	0
		Usr: 1,700	Pay: 899,763			
		Inv: 538,341	Non: 1,005			
		S: 160	C: 0			
		M: 0	E: 845			
		R: 0				
		Parity: 0	Parity: 0			
Asset	1.509.130.0225	173.219.0773	275.312.7520	1.407.036.3477	1.407.036.3477	0.0000000002
		Usr: 948.9400	Pay: 274.943.2051			
		Inv: 172.270.1373	Non: 369.5469			
		S: 75.9143	C: 0.0000			
		M: 0.0000	E: 293.6326			
		R: 0.0000				
		Parity: 0.0000	Parity: 0.0000			

S = Sample Invoice  
 C = sCrap Invoice  
 M = Marketing Team Invoice  
 E = Engineering Invoice  
 R = Royalty commission Invoice



# VII Main features (11/16)



## Inventory (WIP)In/Out Status

Monthly-Inventory In/Out

Job Month: 2013-06 Process: All MP/ER: All  
 Generic: All Fg Code: All Assy Lot:

Search SaveAs Close

Inventory-Job Month		Inventory-In	Inventory-Out	Inventory-Fail	Inventory-Pre Month											
Process	MP/ER	SubCon	Generic	Fg Code	Wafer Lot	W/No	Assy Lot	In Date	Qty	Accum Cost	Asset					
CP_DB	MP	SUB_07	ABC333	ABC818	NFT496	9	NFT496	2013-01-07	6,791	1.4317	9,722.81					
					NFT496	10	NFT496	2013-01-07	6,794	1.4311	9,722.76					
					NFT496	11	NFT496	2013-01-07	6,711	1.4488	9,722.83					
					NFT496	12	NFT496	2013-01-07	6,817	1.4263	9,722.81					
					NFT496	13	NFT496	2013-01-07	6,811	1.4275	9,722.77					
					NFT496	14	NFT496	2013-01-07	6,723	1.4462	9,722.80					
					NFT496	15	NFT496	2013-01-07	6,727	1.4453	9,722.80					
					NFT496	16	NFT496	2013-01-07	6,843	1.4208	9,722.74					
					NFT496	17	NFT496	2013-01-07	6,731	1.4445	9,722.86					
					NFT496	18	NFT496	2013-01-07	6,789	1.4321	9,722.80					
					NFT496	19	NFT496	2013-01-07	6,808	1.4282	9,722.85					
					NFT496	20	NFT496	2013-01-07	6,829	1.4238	9,722.79					
					NFT496	21	NFT496	2013-01-07	6,791	1.4317	9,722.81					
					NFT496	22	NFT496	2013-01-07	6,851	1.4192	9,722.80					
					NFT496	24	NFT496	2013-01-07	6,851	1.4192	9,722.80					
					NFT496	25	NFT496	2013-01-07	6,830	1.4235	9,722.78					
					ASSY	ER	SUB_04	ABC301	ABC301	QBV158		QBV158	2013-01-07	4,990	0.2999	1,496.25
					ASSY	ER	SUB_08	ABC888	ABC888Q	QBR947	25	QBR947	2013-02-25	5,868	0.3127	1,834.81
										QCG708	1	QCG708	2013-05-27	5,868	0.3032	1,779.18
										QCG708	3	QCG708	2013-05-27	5,868	0.3032	1,779.18

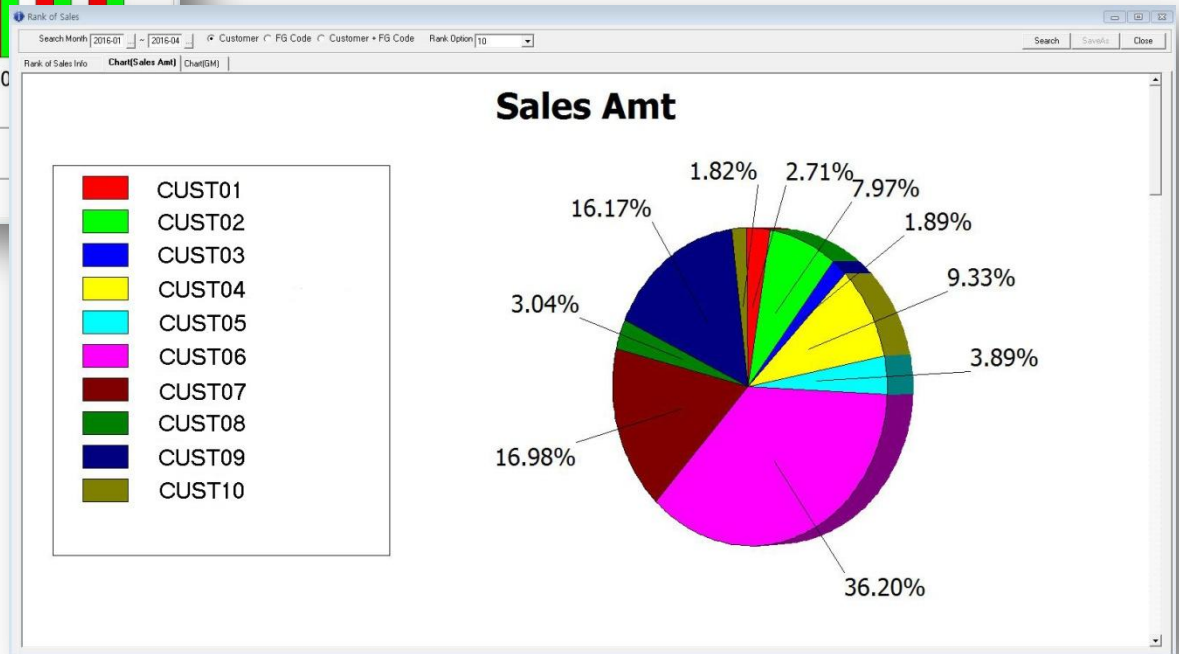
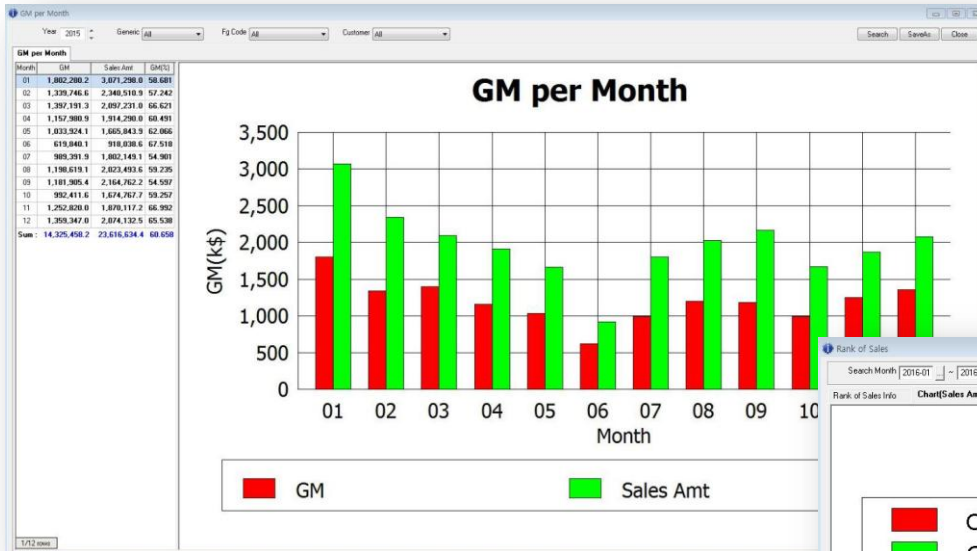
10/282 rows

Inventory Sum : 2,635,752 2,800,145.49

Current month WIP = Previous month WIP + Current month Input + Current month Output + Current month failure



## ► Gross Margin / Rank of Sales



# VII Main features (13/16)



## • Gross Margin

Gross Margin

Ship Date: 2013-06-01 - 2013-06-30  All

Generic: All Fg Code: All

Search SaveAs Close

Ship Date	Fg Code	Generic	Wafer Lot	Assy Lot	W/No	Unit Price	Qty	GM(USD)	GM(KRW)	GM(%)	Amt(Sales)	Job Cost	Cost Amt
2013-06-27	ABC818ACCC	ABC333	NFT497	NFT497309AA02		2.933	8,000	17,416.72	19,986,209	74.232	23,462.40	0.7557	6,045.68
2013-06-27	ABC818ACCC	ABC333	NFT497	NFT497309AA02		3.557	10,000	28,010.9	32,143,348	78.753	35,568.00	0.7557	7,557.10
2013-06-26	ABC333BBB	ABC333	NBR389	NBR389215WC01		3.089	3,000	6,783.75	7,784,557	73.208	9,266.40	0.8276	2,482.65
2013-06-26	ABC333BBB	ABC333	NCG755	NCG755231WB01	16	3.089	2,816	6,445.12	7,395,969	74.098	8,698.06	0.8001	2,252.94
2013-06-26	ABC333BBB	ABC333	NCG756	NCG756231WB01		3.089	184	417.82	479,457	73.515	568.34	0.8181	150.52
2013-06-26	ABC333BBB	ABC333	NCG756	NCG756231WB01		3.089	3,000	6,812.22	7,817,227	73.515	9,266.40	0.8181	2,454.18
2013-06-26	ABC333BBB	ABC333	NCV626	NCV626235WB01		3.089	12,000	27,793.8	31,894,219	74.985	37,065.60	0.7727	9,271.80
2013-06-25	ABC818ACCC	ABC333	NFR932	NFR932306AA03		5.148	2,000	8,806.38	10,105,585	85.532	10,296.00	0.7448	1,489.62
2013-06-24	ABC333ABB	ABC333	NCG757	NCG757231WA01		2.396	3,000	4,923.3	5,649,634	68.488	7,188.60	0.7551	2,265.30
2013-06-20	ABC818ACCC	ABC333	NCG758	NCG758230AA06		7.02	1,780	10,521.58	12,073,829	84.202	12,495.60	1.109	1,974.02
2013-06-20	ABC818ACCC	ABC333	NFC867	NFC867316AA01		7.02	220	1,357.07	1,557,276	87.87	1,544.40	0.8515	187.33
2013-06-19	ABC818ACCC	ABC333	NFR932	NFR932306AA02		2.933	1,000	2,098.6	2,408,206	71.556	2,932.80	0.8342	834.20
2013-06-19	ABC818ACCC	ABC333	NFR932	NFR932306AA02		2.933	13,000	28,170.74	32,326,769	73.888	38,126.40	0.7658	9,955.66
2013-06-19	ABC818ACCC	ABC333	NFR932	NFR932306AA03		2.933	16,000	35,007.84	40,172,547	74.604	46,924.80	0.7448	11,916.96
2013-06-17	ABC333ABB	ABC333	NFC864	NFC864245WA01		2.396	18,000	29,631.42	34,002,943	68.7	43,131.60	0.75	13,500.18
2013-06-17	ABC333ABB	ABC333	NFC864	NFC864245WA01		2.396	18,000	29,631.42	34,002,943	68.7	43,131.60	0.75	13,500.18
2013-06-17	ABC333ABB	ABC333	NFC864	NFC864245WA01		2.496	18,000	31,427.82	36,064,366	69.952	44,928.00	0.75	13,500.18
2013-06-17	ABC333ABB	ABC333	NFC864	NFC864245WA01		2.496	30,000	52,379.7	60,107,277	69.952	74,880.00	0.75	22,500.30
2013-06-17	XYZ300CCPZRLC	XYZ300	QS1136	QS1136S79		3.9	150	496.5	569,749	84.872	595.00	0.59	88.50
2013-06-14	ABC818ACCC	ABC333	NFR932	NFR932306AA01		5.148	2,000	8,764.24	10,057,228	85.123	10,296.00	0.7659	1,531.76
2013-06-12	ABC319ABB	ABC319	NFW040	NFW040315WA01	1	1.747	150	210.58	241,642	80.348	262.08	0.3434	51.50
1/50 rows								553,249	929,943.11	1,067,137.613	1,258,419.18	0.60675	328,476.07

# VII Main features (14/16)



## Real Time Backlog

BackLog

Customer: All Fg Code: All

Req Date: 2013-07-05 - 2013-07-12  All Order No:

Search SaveAs Close

cPO	Seq	Customer	OrderType	Fg Code	Generic	cPO Date	Order No	Price	Req Date	Qty	Remark	Open	AMT	Ship(Sum)	Use
CP-130628-02	1	CUST_02	PR	ABC888CCC	ABC888	2013-06-28	20130628-13	2.652	2013-07-03	6,000		6,000	15,912	0	0
CP-130628-01	1	CUST_13	PR	ABC301ANZ	ABC301	2013-06-28	DP0130627001	1.716	2013-07-08	149,500		149,500	256,542	0	0
CP-130627-01	1	NCSOFT	PR	ABC333ABB	ABC333	2013-06-27	5107934313	2.396	2013-07-16	6,000		6,000	14,377	0	0
CP-130627-01	2	NCSOFT	PR	ABC333ABB	ABC333	2013-06-27	5107934313	2.396	2013-07-23	15,000		15,000	35,943	0	0
CP-130624-02	1	HANSOFT	PR	ABC333BBB	ABC333	2013-06-24	5000219142	3.089	2013-08-03	6,000		6,000	18,533	0	0
CP-130620-02	1	NCSOFT	PR	ABC333ABB	ABC333	2013-06-20	5107336360	2.396	2013-07-03	3,000		3,000	7,189	0	0
CP-130620-02	2	NCSOFT	PR	ABC333ABB	ABC333	2013-06-20	5107336360	2.396	2013-07-10	15,000		15,000	35,943	0	0
CP-130620-02	3	NCSOFT	PR	ABC333ABB	ABC333	2013-06-20	5107336360	2.396	2013-07-17	12,000		12,000	28,754	0	0
CP-130618-02	1	CUST_03	PR	ABC818ACCC	ABC333	2013-06-18	130618-001	5.148	2013-08-10	2,000		2,000	10,296	0	0
CP-130614-03	1	CUST_07	PR	ABC666ACC	ABC666	2013-06-14	04-3357954	1.778	2013-07-02	18,000		18,000	32,011	0	0
CP-130614-01	1	NCSOFT	PR	ABC333ABB	ABC333	2013-06-14	5106755647	2.396	2013-07-03	3,000		3,000	7,189	0	0
CP-130614-01	2	NCSOFT	PR	ABC333ABB	ABC333	2013-06-14	5106755647	2.396	2013-07-10	12,000		12,000	28,754	0	0
CP-130610-01	1	CUST_19	PR	XYZ300ACZ	XYZ300	2013-06-10	TC1305070001	2.153	2013-08-26	80,000		80,000	172,224	0	0
CP-130530-02	1	MICROSOFT	PR	ABC222ABB	ABC333	2013-05-30	5152343-17-1	3.12	2013-08-01	3,000		3,000	9,360	0	0
CP-130529-01	2	CUST_24	PR	XYZ300CCCC	XYZ300	2013-05-29	ABLE052813	2.933	2013-07-11	20,000		20,000	58,656	0	0
CP-130529-01	3	CUST_24	PR	XYZ300CCCC	XYZ300	2013-05-29	ABLE052813	2.933	2013-08-05	30,000		30,000	87,984	0	0
CP-130507-01	2	CUST_03	PR	ABC818ACCC	ABC333	2013-05-07	130506-002	5.148	2013-07-10	2,000		2,000	10,296	0	0
CP-130423-02	1	CUST_25	PR	ABC818ACCC	ABC333	2013-04-23	YC1300423-05	3.557	2013-07-03	100,000		90,000	320,112	10,000	1
CP-130412-02	1	CUST_25	PR	ABC818ACCC	ABC333	2013-04-12	YC20130412-2	2.933	2013-06-01	200,000		50,000	146,640	150,000	12
CP-130207-04	1	CUST_07	PR	ABC666ACC	ABC666	2013-02-07	04-3287254	0.686	2013-07-01	200,000		200,000	137,280	0	0

19/20 rows

882,500 722,500 1,433,995.20 160,000

# VII Main features (15/16)



## SCM - Routing Status

Routing Info

Generic: ABLE010 | Fg Code: All | Use YN: Yes

Search | New | Delete | Save | Close

FG_Code	Generic	Seq	UseYN
ABS10ML	ABLE010	01	Y
ABS20ML	ABLE010	01	Y

FG_Code	Routing Registration		
*Process	*SubCon	*Production Fg Code	*Routing Index
01 - FAB	SMIC	ABLE010	1
03 - CP	UTAC_SH	ABLE010	2
05 - ASSY	PSTS	ABS20ML	3
07 - TEST	AMKOR	ABS20ML	4
09 - TNR	AMKOR	ABS20ML	5
10 - S-WH	ABLESOFT	ABS20ML	6

2/2 rows | 1/6 rows

# VII Main features (16/16)



## Administration

Authority Control

Search New Save Close

Authority Registration **Screen By Authority**

Select All

Authority	Menu/Screen Name	Screen Usage
<input checked="" type="checkbox"/>	<b>RPMS</b>	Yes
<input type="checkbox"/>	<b>Forecast</b>	Yes
<input type="checkbox"/>	FCST(sales)	Yes
<input type="checkbox"/>	FCST(pm)	Yes
<input type="checkbox"/>	FCST Status	Yes
<input type="checkbox"/>	<b>Customer PO</b>	Yes
<input type="checkbox"/>	Customer PO	Yes
<input type="checkbox"/>	<b>User Registration</b>	
<input type="checkbox"/>	<b>Sube</b>	
<input type="checkbox"/>	SU	
<input type="checkbox"/>	As	
<input type="checkbox"/>	Te	
<input type="checkbox"/>	Or	
<input type="checkbox"/>	<b>Ship</b>	
<input type="checkbox"/>	SH	
<input checked="" type="checkbox"/>	<b>Inve</b>	
<input type="checkbox"/>	Inv	
<input type="checkbox"/>	Inv	
<input type="checkbox"/>	Inv	
<input type="checkbox"/>	Inv	
<input checked="" type="checkbox"/>	FA	
<input checked="" type="checkbox"/>	Im	
<input type="checkbox"/>	Im	
<input type="checkbox"/>	<b>Job Cost</b>	Yes
<input type="checkbox"/>	Yield&Cost of Process	Yes
<input type="checkbox"/>	Gross Margin	Yes

14 rows

68 rows

**User Registration**

\*User ID DDONGMAE \*PassWord \*\*\*\*\*

\*User Name sun,lee \*User Initial s.lee

\*Authority Super User  
 Super User  
 System Administrator  
 Executive  
 Application Team  
 Application Manager  
 Design Team

Position  
 Mobile

\*Use Y/N Yes  
 Dept Product  
 Tel



# Required Setup time



FabLessERP setup schedule		1st week	2nd week	3rd week	4th week	5th week	6th week	7th week	8th week	9th week	10th week	11th week	12th week
DB Server	<ul style="list-style-type: none"> <li>OS installation</li> <li>DB(Oracle) installation</li> <li>DB generation</li> </ul>	→											
FabLessERP	<ul style="list-style-type: none"> <li>Changing CI on print-out form</li> <li>Changing CI on Log-in page</li> <li>Revise the screen as per customer name</li> <li>Supporting to input Basic data(Exclude data transfer)</li> </ul>		→										
User Training	<ul style="list-style-type: none"> <li>Production team staff training</li> <li>Network(Server) team staff training</li> </ul>					→							
Inspection	<ul style="list-style-type: none"> <li>System test</li> <li>Inspection test by user</li> <li>Complete report</li> </ul>								→				

※System optimizing schedule, as per customer request, will be separately consulted.

# IX Effects







# Milestone



- **Step 1: System Setup, scheduled for 1 month**
  - FabLessERP™ installation
  - After the installation, users have access to the system and input data.
- **Step 2: System Optimization, scheduled for 2 months**
  - Customization or optimization of the system to the client's needs.
- **Product training for the employees if needed**

'FabLessERP™' with OracleDB

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