



# **A-Plus Barcode For SAP Business One**

## **Overview**

Confidential for FMS Customer Day



## A-Plus Software Limited

### SSP

**SAP Business One  
Software Solution  
Provider (SSP) in  
Hong Kong**

### Simplicity

**Simple plug-in solutions**

**Customer friendly**

- Easy to use
- Cost effective

**Partner friendly**

- Quick to implement

### Native

**100% native SAP  
Business One SDK**

**Sister company of the largest and most experienced  
SAP Business One reseller in Hong Kong**

# SAP® Certified

## SAP Business One Integration

### A-Plus Barcode

Bring warehouse transactions to the front-line when and where they happen

Scan barcodes and post transactions in the warehouse

- On-line real-time update to SAP Business One
- Efficient and accurate
- No more data entry in the back office

Purchasing

Sales

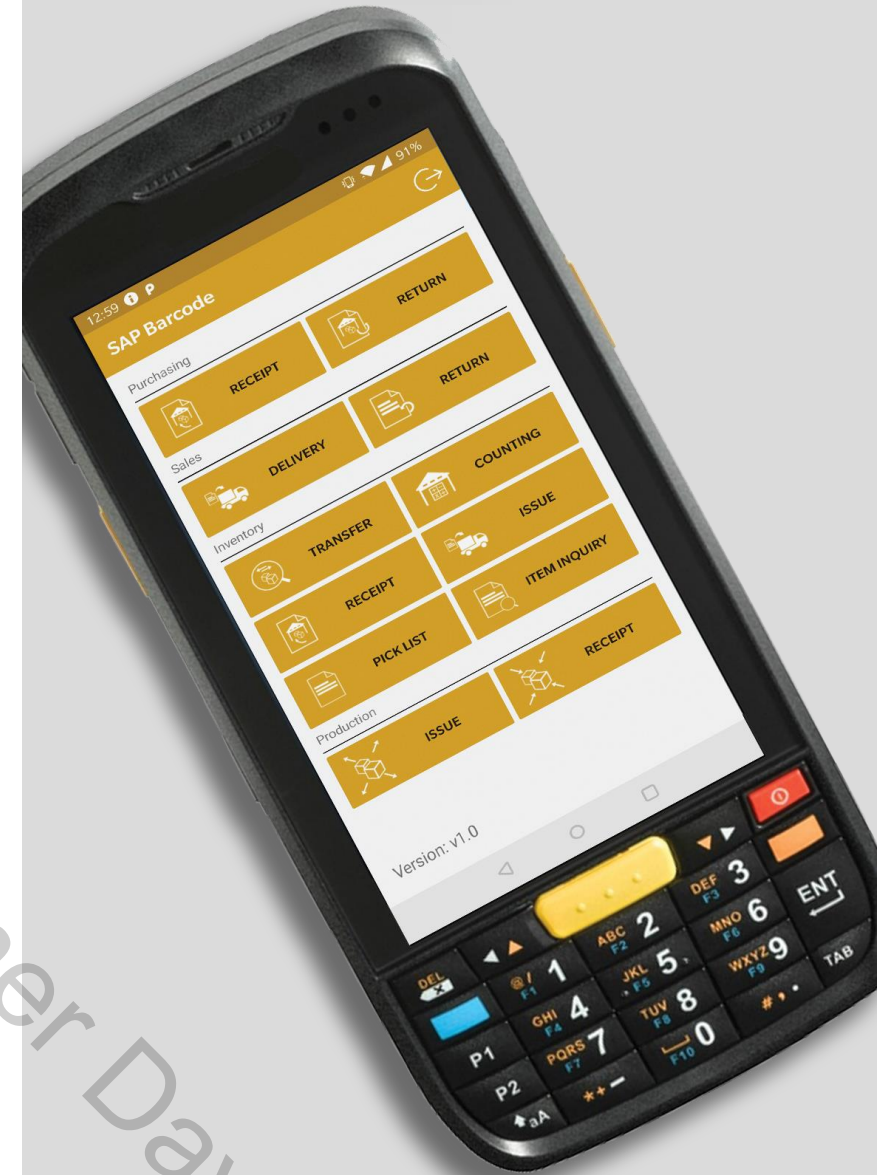
Inventory

Production

Batch and serial tracked items

Bin tracked warehouses

GS1 barcodes



# Main functions

## Purchasing

- Goods Receipt PO
  - Single PO, multiple POs or without PO
- Goods Return

## Sales

- Delivery
  - Single SO, multiple SOs or without SO
- Return

## Inventory

- Transfer
- Counting
- Receipt and Issue
- Picking from pick lists

## Production

- Issue
- Receipt

## Other functions

- All transactions support
  - Multiple units of measure
  - Batch numbers
    - Auto generation in receipt
  - Serial numbers
    - Auto generation in receipt
  - Bin tracked warehouses
    - Auto pick and put-away based on SAP Business One options
- Save and load of draft documents
- Cycle count reminder

# Example – Goods Receipt PO

Goods Receipt PO - Init

Load from: Purchase Orders

Search on Document:

67

or Vendor :

672 Large order to receive

673 Another order for Acme

674

Search and select open PO

Goods Receipt PO - List

Vendor V10000

Create new line Quick Scan

Item	Base Doc.	Open Qty.	UoM	Manual	Whs.	Qty.
A00002 J.B. Officeprint 1111	673	25	Manual	01	0	
A00003 J.B. Officeprint 1186	673	69	Manual	01	0	
A00004 Rainbow Color Printer 5.0	673	184	Manual	01	0	

List of items in PO

Goods Receipt PO - List

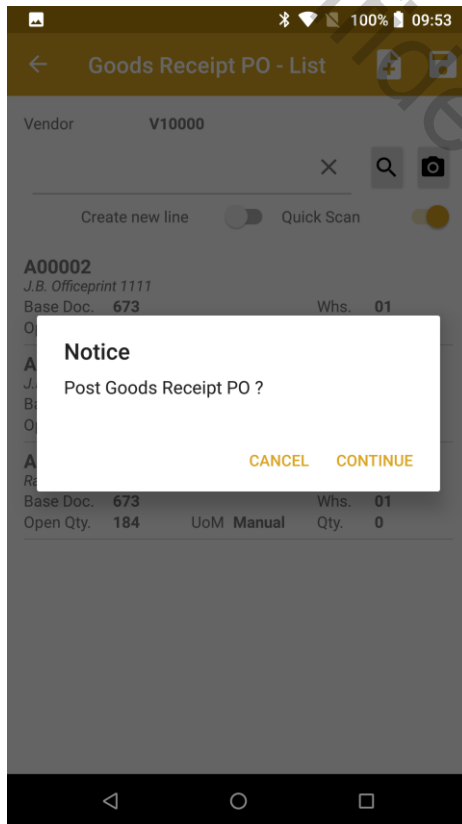
Vendor V10000

Create new line Quick Scan

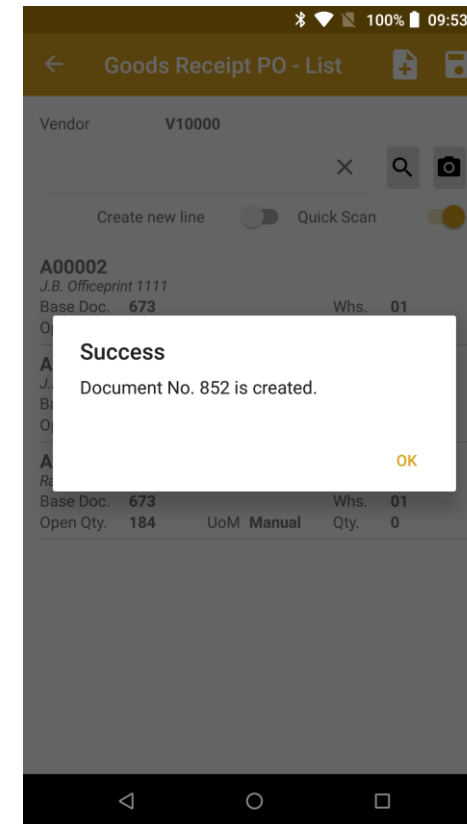
Item	Base Doc.	Open Qty.	UoM	Manual	Whs.	Qty.
A00002 J.B. Officeprint 1111	673	2	Manual	01	2	
A00003 J.B. Officeprint 1186	673	3	Manual	01	3	
A00004 Rainbow Color Printer 5.0	673	184	Manual	01	0	

Quantities updated after scanning items

## Example – Goods Receipt PO



Click Add to post the receipt



Receipt posted to SAP Business One real-time

# Example - Delivery

Delivery - Init

Load from: Sales Orders

Search on Document:

or Customer : maxi

Search for customer

Delivery - Load

C20000  
Maxi-Teq

Load from the following Sales Orders :

860	Large order to deliver	<input checked="" type="checkbox"/>
861	Another order for Maxi-Teq	<input checked="" type="checkbox"/>
862	Based On Sales Quotations 784.	<input type="checkbox"/>
863		<input type="checkbox"/>

Select multiple orders to deliver

Delivery - List

Customer C20000

Create new line ☐ Quick Scan ☒

<b>B10000</b> Printer Label			
Base Doc.	860	Whs.	01
Open Qty.	100	UoM Manual	Qty. 0
<b>S10000</b> Server Point 10000			
Base Doc.	860	Whs.	01
Open Qty.	100	UoM Manual	Qty. 0
<b>A00001</b> J.B. Officeprint 1420			
Base Doc.	861	Whs.	01
Open Qty.	31	UoM Manual	Qty. 0
<b>A00002</b> J.B. Officeprint 1111			
Base Doc.	861	Whs.	01
Open Qty.	34	UoM Manual	Qty. 0
<b>A00003</b> J.B. Officeprint 1186			
Base Doc.	861	Whs.	01
Open Qty.	89	UoM Manual	Qty. 0

List of items from multiple orders



# Example - Delivery

Delivery - Line

Item No. B10000

Item Desc. Printer Label

Base Doc. 860 Open Qty. 100

Warehouse 01

Quantity 5

BATCH DETAILS

Select item with batch number  
and provide quantity

Delivery - Batch Details

Batch No.

Qty. Ttl. Qty. 5 / 5

ADD

Quick Scan

B1-00068 Qty. 2

B1-00072 Qty. 3

Scan or select batch numbers

Delivery - List

Customer C20000

Create new line Quick Scan

Success

Document No. 1191 is created.

OK

B10000  
Printer Label

A00001  
J.B. Officeprint 1420

Base Doc. 861 Whs. 01

Open Qty. 31 UoM Manual Qty. 5

A00002  
J.B. Officeprint 1111

Base Doc. 861 Whs. 01

Open Qty. 34 UoM Manual Qty. 0

A00003  
J.B. Officeprint 1186

Base Doc. 861 Whs. 01

Open Qty. 89 UoM Manual Qty. 0

Delivery posted

# SAP Business One



## SAP Business One

- 10.0
- 9.3
- 9.2
- 9.1

## Database

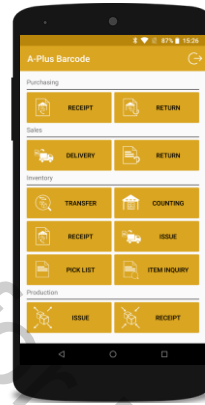
- Microsoft SQL Server
- SAP HANA

# Devices



Android handheld computers with laser scanners

- Designed for warehouse environments
- E.g. Zebra TC20



Android or iOS devices

- Scan barcodes with camera
- Pair with Bluetooth barcode scanners



Windows desktops

- Scan barcodes with USB barcode scanners

# GS1 Barcodes



# GS1 Barcodes

Industry barcode standard

- 1 barcode contains multiple information

Product number

Batch number

Serial number

Expiry date

Quantity

- Single scan captures all

GS1-128



GS1-Data  
Matrix

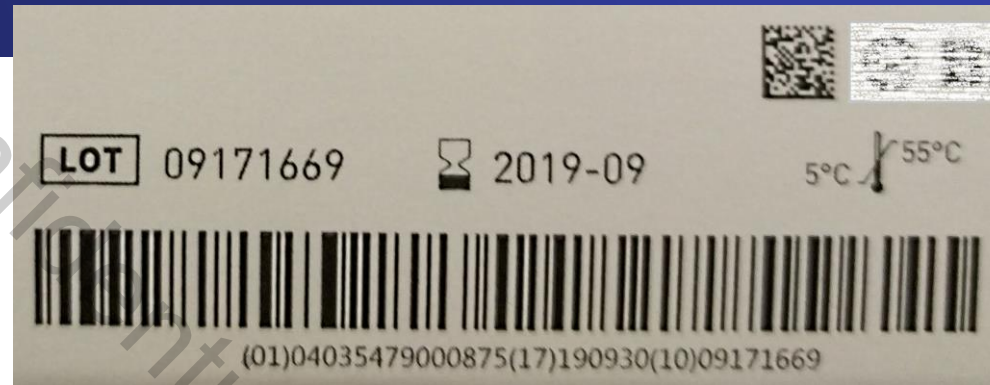


GS1-QR  
Code





## GS1-128 example



(01)04035279000875 (17)190930 (10)09171669

### Application Identifiers (AI)

(01) – Global Trade Identification Number

• 04035279000847

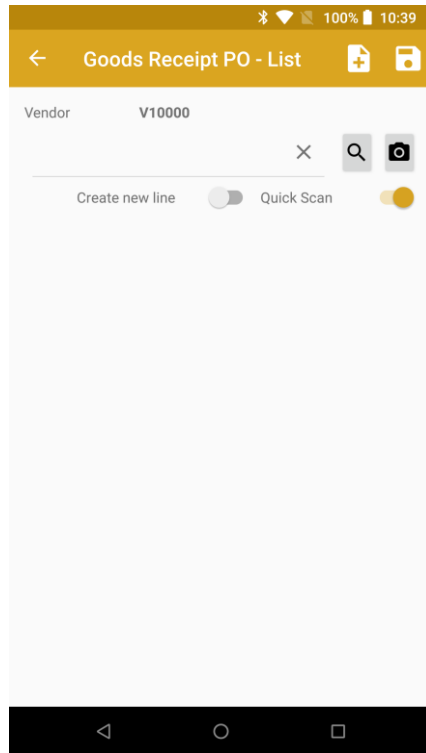
(17) – Expiry date

• 30 September, 2019

(10) – Batch number

• 09171669

## Example – GS1



Receipt without PO



(01)12345678910001(10)10003(17)201231

Batch number: 10003

Expiry: 31 Dec 2020



(01)12345678910001(10)10001(17)201231(30)10

Batch number: 10001

Expiry: 31 Dec 2020

Quantity: 10

## Example – GS1

Goods Receipt PO - List

Vendor V10000

Create new line ☐ Quick Scan ☒

**B10000**  
Printer Label  
Base Doc. -  
Open Qty. 0 UoM Manual Whs. 01 Qty. 11

Quantity 11 after scanning the two GS1 barcodes

Goods Receipt PO - Batch Det...

Batch No.

Exp Date 16.05.2019

Qty.  Ttl. Qty. 11 / 11

**ADD** Quick Scan ☐

10003	Qty. 1
Exp Date 31.12.2020	
10001	Qty. 10
Exp Date 31.12.2020	

Batch numbers and expiry dates captured





# **A-Plus SalesAnywhere For SAP Business One**

## **Overview**

Confidential for FMS Customer Day

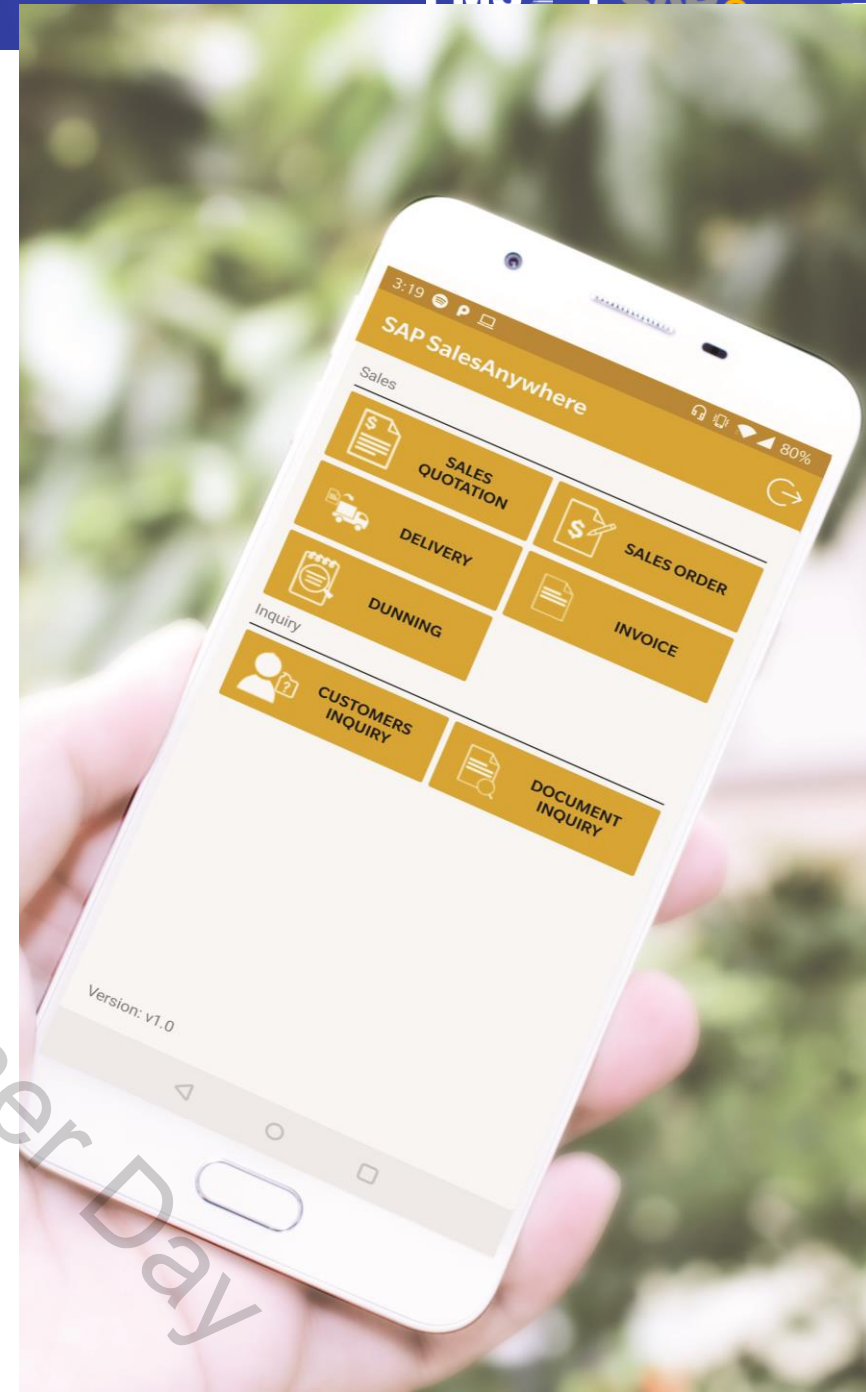
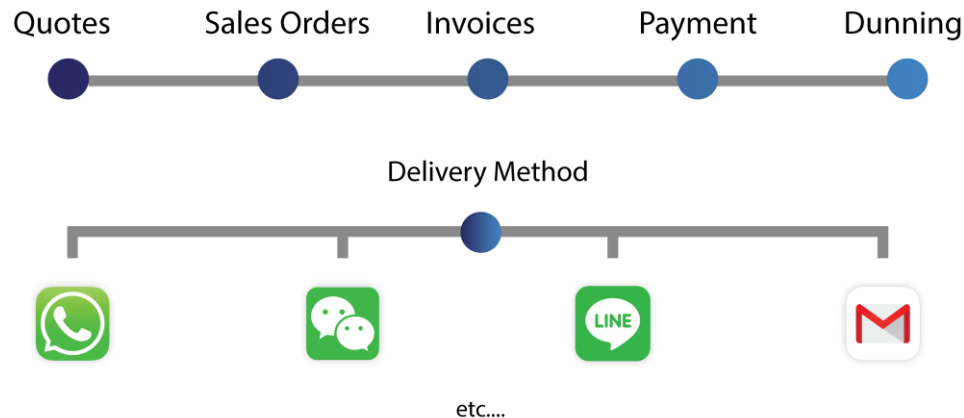
## A-Plus SalesAnywhere

**SAP® Certified**  
SAP Business One Integration

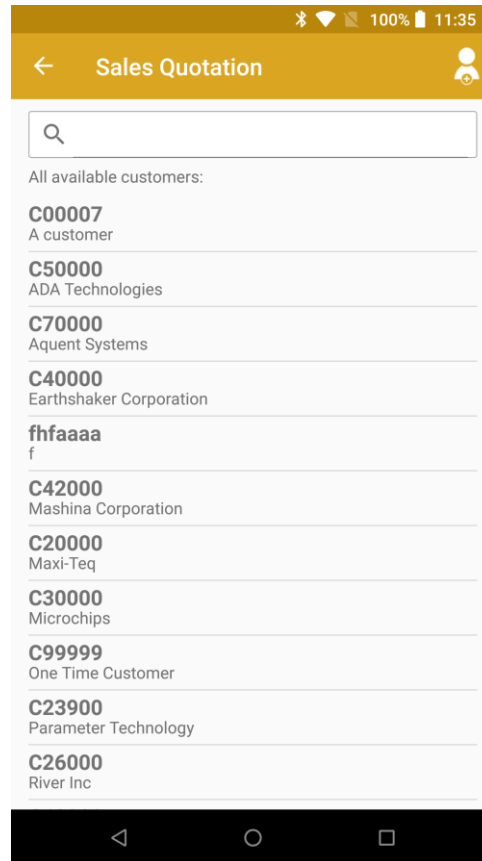
Empower salespersons to complete sales processing on-the-road

Create sales transactions instantly

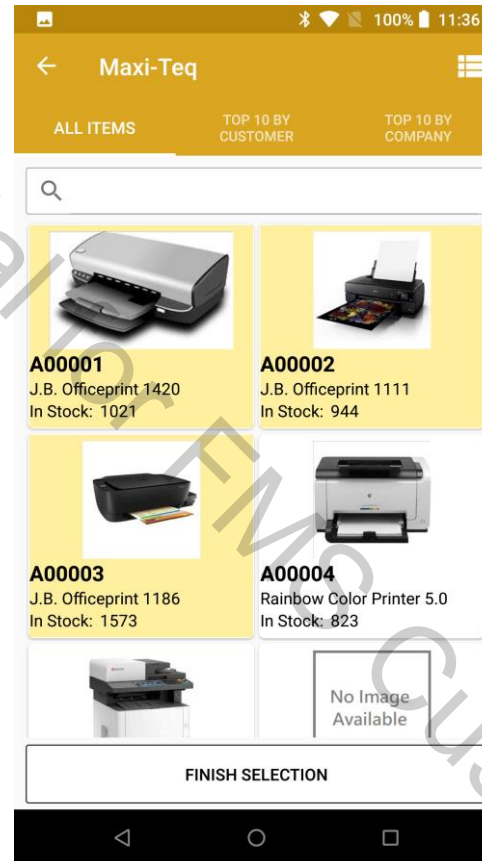
- On-line real-time update to SAP Business One
- Send documents to customer right away



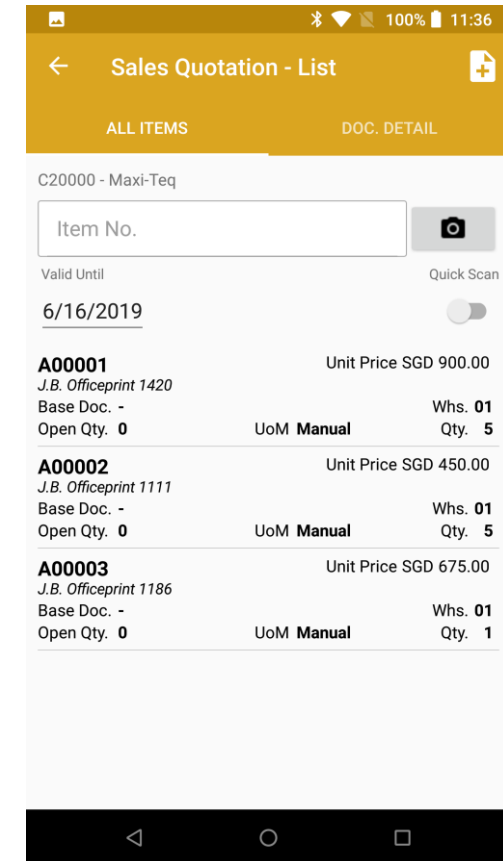
# Example – Sales Quotation



Select customer



Select items



Update quantities

# Example – Sales Quotation

Item Inquiry

A00002  
J.B. Officeprint 1111

Warehouse Quantity			
Whs.	01	Quantity	780
Commit.	531	On Order	114
Whs.	02	Quantity	113
Commit.	0	On Order	20
Whs.	03	Quantity	0
Commit.	0	On Order	0
Whs.	04	Quantity	-1
Commit.	0	On Order	0
Whs.	05	Quantity	52
Commit.	0	On Order	0

Check stock availability

Sales Quotation - List

ALL ITEMS    DOC. DETAIL

Document Date    5/16/2019

Currency    SGD

Total Before Discount    7,425.00

Discount    10    %    742.5

Tax    467.78

Total    7150.28

Give discounts

Sales Quotation - List

ALL ITEMS    DOC. DETAIL

C20000 - Maxi-Teq

Item No.    [Camera Icon]

Valid Until    6/30/2019    Quick Scan

**Success**  
Document No. 1069 is created.  
OK

Open Qty. 0    UoM Manual    Qty. 5

A00003    Unit Price SGD 675.00  
J.B. Officeprint 1186  
Base Doc. -    Whs. 01  
Open Qty. 0    UoM Manual    Qty. 1

Quotation posted into SAP  
Business One real-time

# Example – Sales Quotation

**Sales Quotation** ✓

Doc No.: 1069 C20000 - Maxi-Teq

Item Code	Quantity	Unit Price	Line Total SGD
A00001	5	SGD 900.00	4,500.00
A00002	5	SGD 450.00	2,250.00
A00003	1	SGD 675.00	675.00

---

Total Before Discount SGD 7,425.00  
Discount (10.00%) SGD 742.50  
Tax SGD 467.78  
Total SGD 7,150.28

**SEND** **VIEW** **COPY TO** **EDIT**

Summary of quotation with total

**QuotationReport\_10...**

**OEC Computers SG**  
98 Tuas Avenue 2 Block 02C Singapore  
98 Tuas Avenue 2  
Tel: +65 6777-8888  
Fax: +65 6777-8888  
Email: info@oec.com.sg

**Sales Quotation**

BILL NO.: 01069  
DATE: 16/05/2018 09:00:00  
CUSTOMER: C20000  
Maxi-Teq  
Suite 100 100 Biling Drive,  
TEL: 955-0137  
FAX: 955-0138  
ATTN: Kevin Thompson

PAYMENT TERMS: 1 Month - 7 Days  
PO NO.:  
SHIP FROM:  
SHIP TO:  
SHIPMENT: Ship  
TRADE TERMS:  
REVISION:  
REVISION DATE:

OUR NO./YOUR NO.	DESCRIPTION	SHIPMENT DATE	QTY.	UNIT PRICE	AMOUNT
A00001	18. Offspring 1420	20180600	5 Manual	900	4,500.00
A00002	18. Offspring 1111	20180600	5 Manual	450	2,250.00
A00003	18. Offspring 1186	20180600	1 Manual	675	675.00

Page 1 of 2

Generate and view quotation  
PDF

**Sales Quotation** ✓

Doc No.: 1069 C20000 - Maxi-Teq

Item Code	Quantity	Unit Price	Line Total SGD
A00001	5	SGD 900.00	4,500.00
A00002	5	SGD 450.00	2,250.00
A00003	1	SGD 675.00	675.00

Title

Edmund Tony Lai

Save to Drive WhatsApp Android Beam Gmail

LINE Keep Skype

Send quotation to customer  
with messaging app

# Example - Delivery

Delivery - List

ALL ITEMS DOC. DETAIL

C20000 - Maxi-Teq

Item No. [input field] [camera icon]

Delivery Date 5/16/2019 [calendar icon] Quick Scan [toggle]

Item No.	Unit Price	Whs.	Qty.
A00001 J.B. Officeprint 1420	SGD 900.00	01	129
A00002 J.B. Officeprint 1111	SGD 450.00	01	264

Delivery of a sales order

Document Signature

clear

sign above the line

CONFIRM CANCEL

Capture customer signature as  
proof of receipt

DeliveryReport\_119...

OEC Computers SG

Address #03-05, Block 853, 98 Tuas Avenue 2, Singapore, 670889  
Tel: +65 6777-8888 Fax: +65 6777-8889 Email: info@oec.com.sg

送货单 DELIVERY NOTE

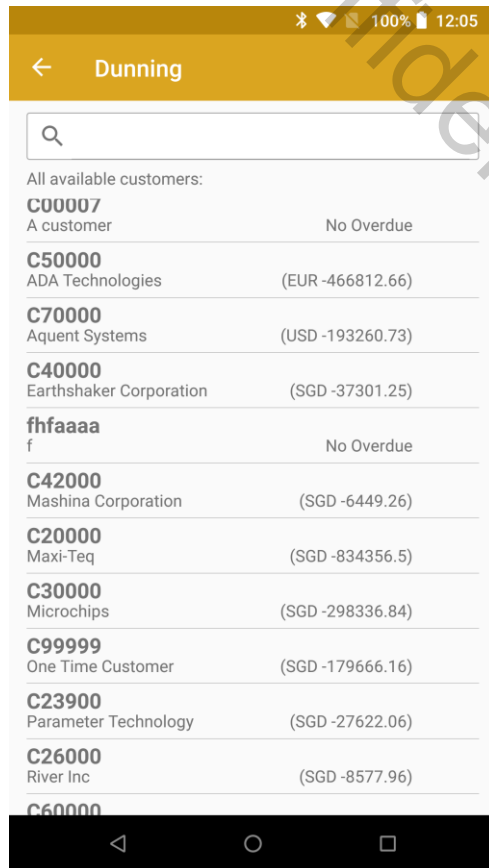
Delivery Number (送货单号) 1192 Sales Rep (销售员) Desktop Multiple  
Delivery Date (送货日期) 16/05/2019 Page No (页数) 1 of 1  
Delivery Time (送货时间)  
Contact Name (联系人)  
Contact Number (联系人电话) POB No. (非必填)  
Purchased Item Purchased Qty Unit Price Amount

J.B. Officeprint 1420	129	900.00	116,100.00
J.B. Officeprint 1111	264	450.00	118,800.00

Total Amount (总金额): 234,900.00  
Discount (折扣): 0.00%  
Payment Amount (付款金额): 234,900.00  
Payment Method (付款方式):  
Remarks (备注): Based On Sales Order 863.  
Goods under good condition and received by: [signature]  
Signature & Company Chop For and on behalf of OEC Computers SG  
16/05/2019 11:58:02

Generate delivery note with  
signature

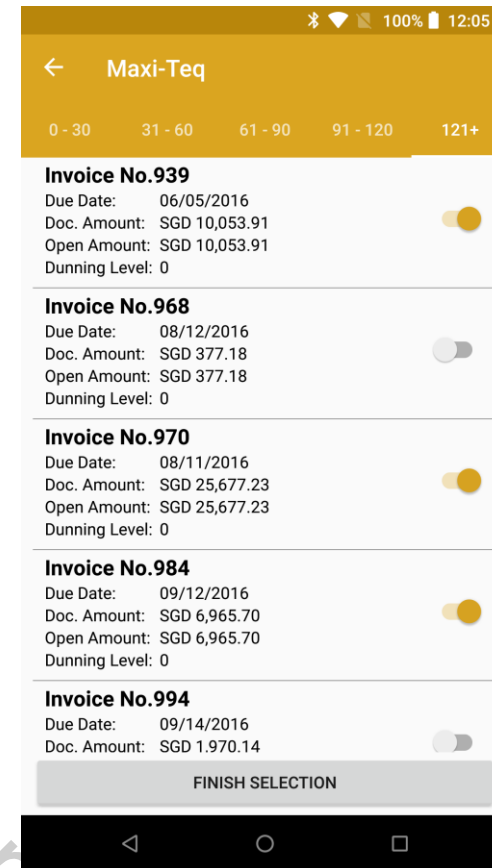
## Example - Dunning



The screenshot shows the 'Dunning' app interface. At the top, there's a search bar and a list of customers. Each customer entry includes a customer ID, the customer name, and the total overdue amount in parentheses. The status 'No Overdue' is shown for customers with zero overdue amounts.

Customer ID	Customer Name	Overdue Amount	Status
C00007	A customer		No Overdue
C50000	ADA Technologies	(EUR -466812.66)	
C70000	Aquent Systems	(USD -193260.73)	
C40000	Earthshaker Corporation	(SGD -37301.25)	
fhfaaaa	f		No Overdue
C42000	Mashina Corporation	(SGD -6449.26)	
C20000	Maxi-Teq	(SGD -834356.5)	
C30000	Microchips	(SGD -298336.84)	
C99999	One Time Customer	(SGD -179666.16)	
C23900	Parameter Technology	(SGD -27622.06)	
C26000	River Inc	(SGD -8577.96)	
C60000			

Customer list shows total overdue amounts for customers



The screenshot shows the 'Maxi-Teq' app interface. At the top, there's a filter bar with ageing periods: 0 - 30, 31 - 60, 61 - 90, 91 - 120, and 121+. Below this, a list of invoices is shown. Each invoice entry includes the invoice number, due date, document amount, open amount, and dunning level. A toggle switch is present next to each invoice, indicating its selection status.

Invoice No.	Due Date	Doc. Amount	Open Amount	Dunning Level	Status
Invoice No.939	06/05/2016	SGD 10,053.91	SGD 10,053.91	0	Selected
Invoice No.968	08/12/2016	SGD 377.18	SGD 377.18	0	Not Selected
Invoice No.970	08/11/2016	SGD 25,677.23	SGD 25,677.23	0	Selected
Invoice No.984	09/12/2016	SGD 6,965.70	SGD 6,965.70	0	Selected
Invoice No.994	09/14/2016	SGD 1,970.14			Not Selected

FINISH SELECTION

Select overdue invoices based on ageing periods

# Example - Dunning

← Confirm Page

**Inv No.939**  
06/05/2016  
Open Amount: 10053.91  
Dunning Level: 0

**Inv No.970**  
08/11/2016  
Open Amount: 25677.23  
Dunning Level: 0

**Inv No.984**  
09/12/2016  
Open Amount: 6965.7  
Dunning Level: 0

Custom Dunning Message: Please pay ASAP

New Due Date: 5/31/2019

CONFIRM

Custom dunning message and due date

← DunningLetter\_201... 🔍 🔄 ⋮

**OEC Computers SG**  
Block 662 98 Tuas Avenue 2, Tel: +65 6777-8888 Fax: +65 6777-8889  
#23-00 Email: info@oec.com.sg  
SG-067689

**Maxi-Teq**  
Suite 500 300 Billings Drive, Date: 16/05/2019  
SG-189558 Page: 1  
VAT Number: C20000  
Account No. C20000

**1st Dunning Letter**  
Please pay ASAP

We considered payments received by: 31/05/2019

#	Doc. No.	Document Date	Description	Actual Balance	Amount Due	Due Date
1	IN 939	05/05/2016 00:00:00	Based On Sales Quotations 705	10,053.91	10,053.91	06/05/2016
2	IN 970	11/07/2016 00:00:00	Based On Sales Quotations 722	25,677.23	25,677.23	08/11/2016
3	IN 984	12/08/2016 00:00:00	Based On Sales Quotations 711	6,965.70	6,965.70	09/12/2016
Total:				SGD 42,696.84		

If your remittance has already been sent, please disregard this notice.  
Yours sincerely,

Printed by SAP Business One

Generate dunning letter for viewing and sending



# SAP Business One



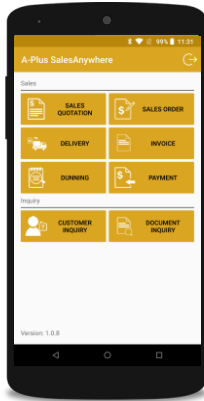
## SAP Business One

- 10.0
- 9.3
- 9.2
- 9.1

## Database

- Microsoft SQL Server
- SAP HANA

# Devices



## Android or iOS devices

- Scan barcodes with camera if physical goods are delivered



## Windows desktops

- Requires Windows 10