

Cloud2MFG Briefing Paper (Ver.1.0)

10 February 2011
Cloud2MFG Pty. Ltd.

CONFIDENTIAL

◆ What is Cloud2Mfg?

A Manufacturing and Sales Control System in the Cloud!

- A functional core system at minimal cost with no bloat ware
- User accessible customisation (work windows, forms, interface, Database & Server Logic)
- Global compatibility (Multilingual/Multi currency)
- Security for peace of mind

<Benefits for Users>

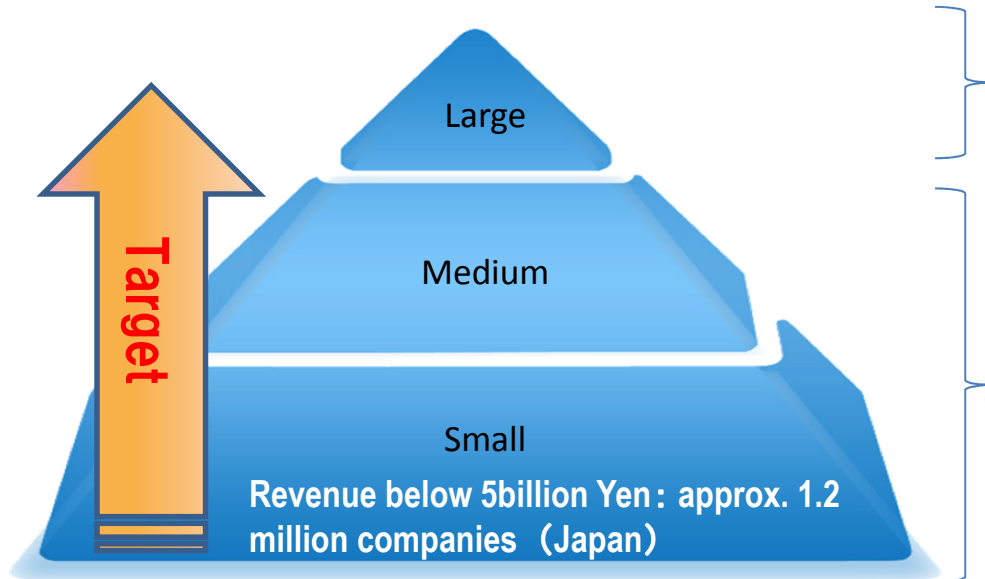
1. **Cost Performance**
All round cost down from initial setup to ongoing maintenance.
2. **Simple system setup for overseas factories**
Japanese/English/Chinese language compatibility 'out-of-the-box'. Other languages can be added.
3. **Simple User customisation**
End-user customisation using the development tool (ABBR)
No more reliance on software vendor for support.
4. **Tight security measures**
Secure server located in DC + Security functionalities within Cloud2Mfg provide peace of mind.

<Benefits for Vendors>

1. **Profitability increases with time**
Stock + value added improvements
2. **Profit Sustainability**
One success will lead to another;
continuous growth potential.
3. **Low capital investment**
A complete Cloud system with proven results and all relevant technical knowhow.

◆ Core System Setup

System Setup for Small – Mid sized enterprises



ERP system is commonplace in large enterprises.

Challenges

- ERP implementation is a costly practice.
- Costly system customisation
- High operational and maintenance cost
- Extended setup period (in excess of 6-12 months) (Staff responsibility increases)
- Slow setup due to bad cost benefit performance

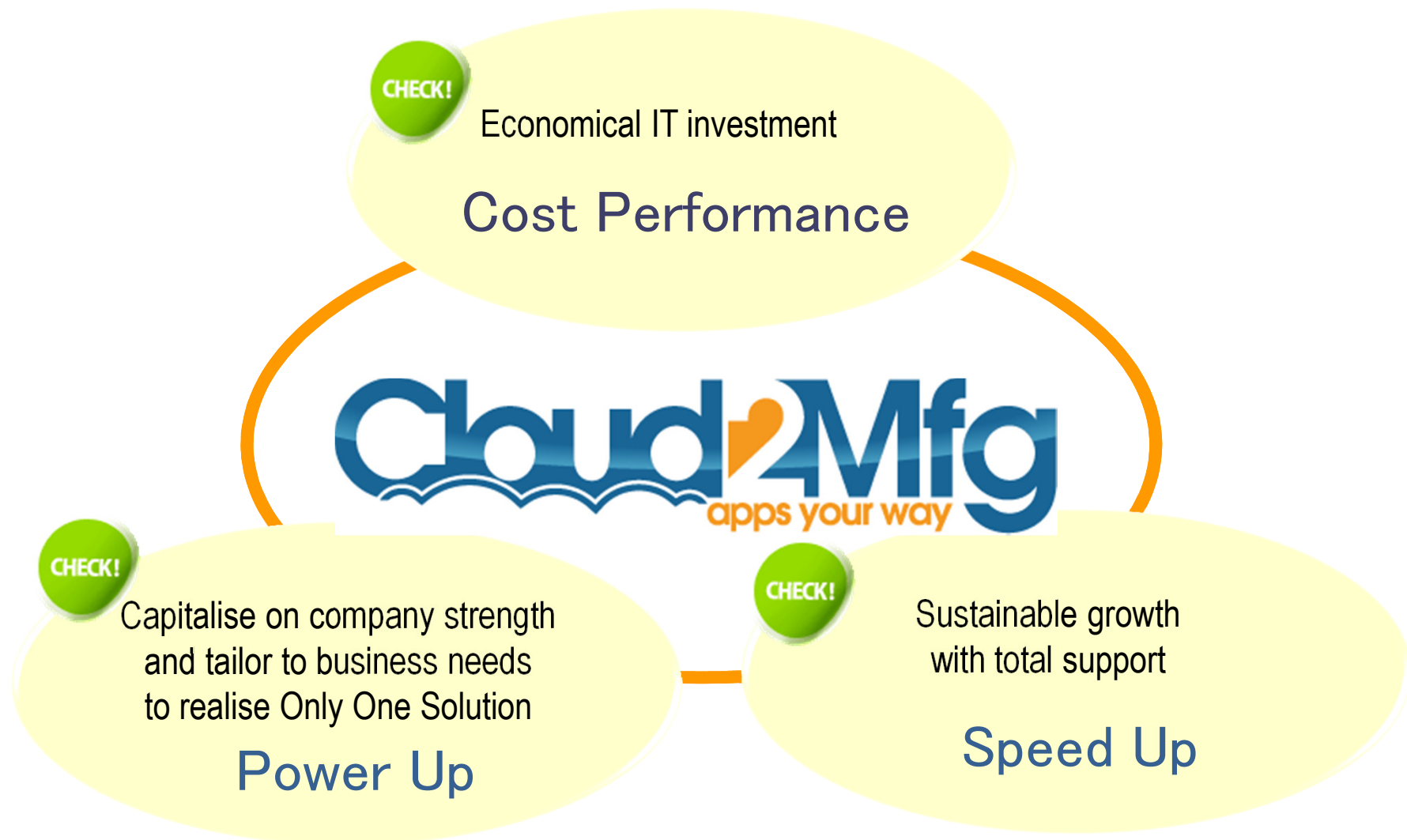
Solution

The cloudification of the core system

There are still a limited number of vendors offering a full fledged core system on the cloud. The demand for such system will increase exponentially as companies provide manufacturing and sales control system on the cloud.

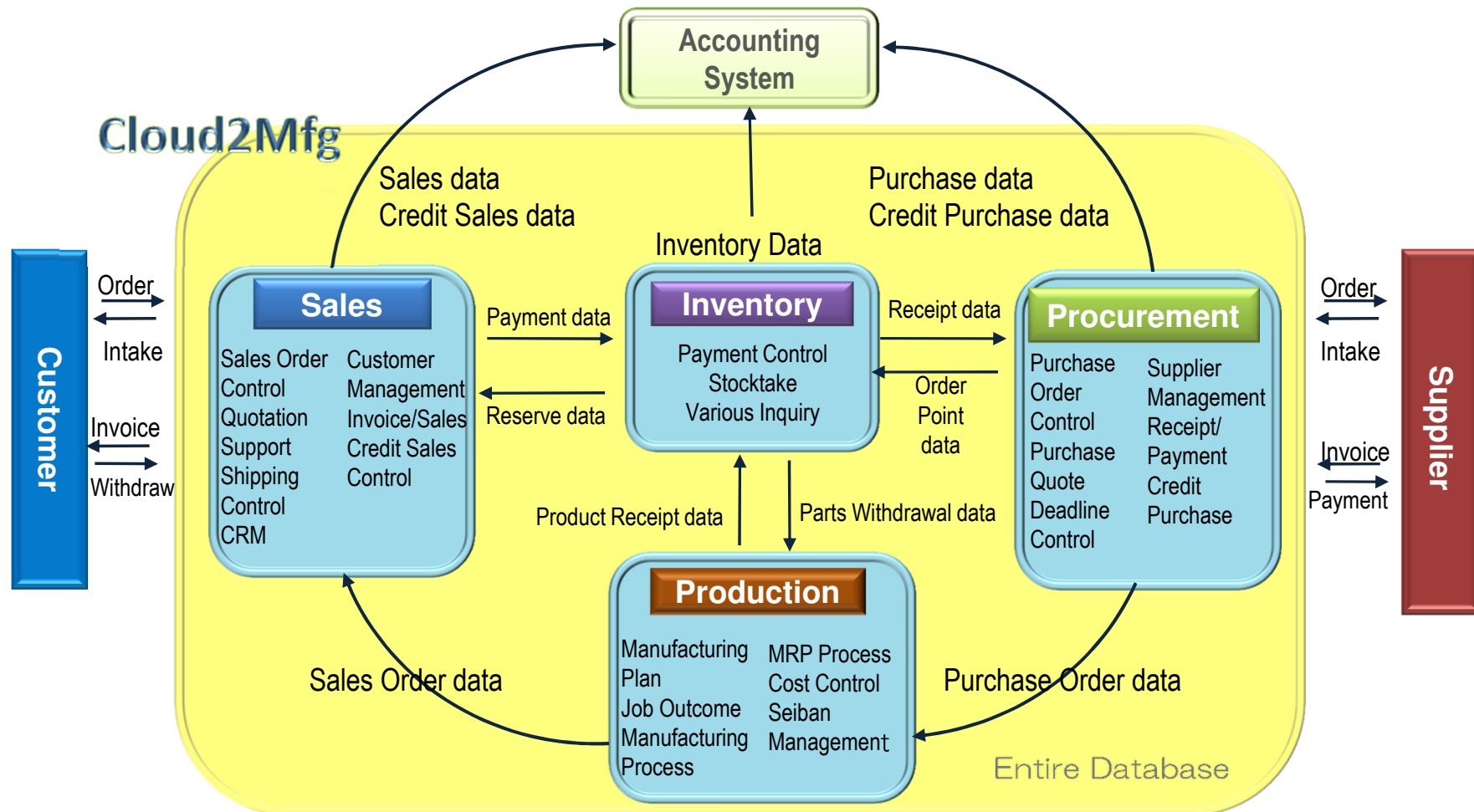
◆ The concept of Cloud2Mfg

Choose Cloud2Mfg!



◆ Cloud2Mfg Product Brief

Cloud2Mfg is a core system that is provided through SaaS. The system, especially in a manufacturing industry setting, covers four business areas, including 1. Production, 2. Procurement, 3. Inventory Control, 4. Sales.



- The above diagram illustrates the 20 January 2011 release of the system.
- Distribution System, POS System, and Android tablet compatibility TBA

◆ ERP system to capitalise on company strengths

An advanced package and solution that will grow with your company

Cloud compatible
Core Business Package



Development Platform
ABBR



Cloud2Mfg
apps your way

This is Cloud2Mfg!

<Step 1>

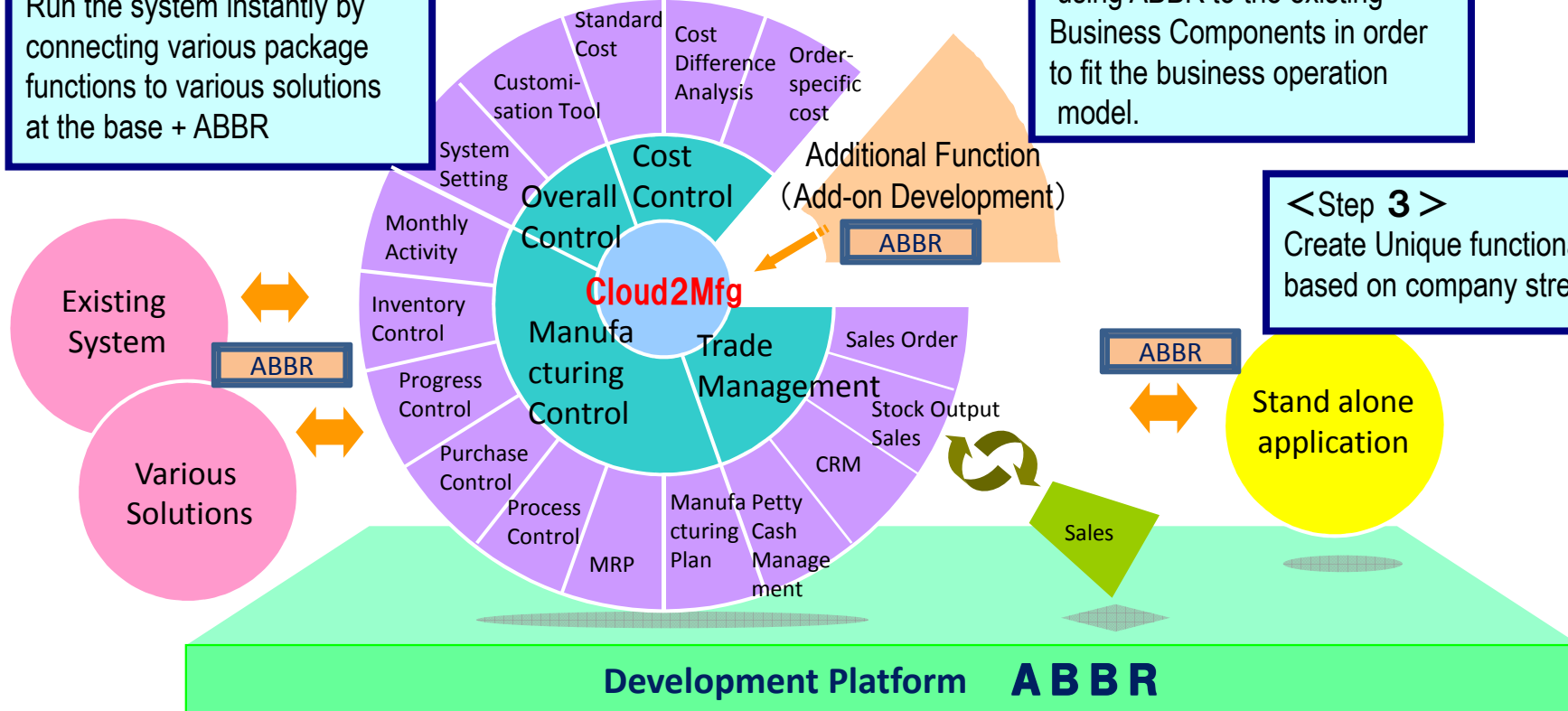
Run the system instantly by connecting various package functions to various solutions at the base + ABBR

<Step 2>

Customise or create add-on using ABBR to the existing Business Components in order to fit the business operation model.

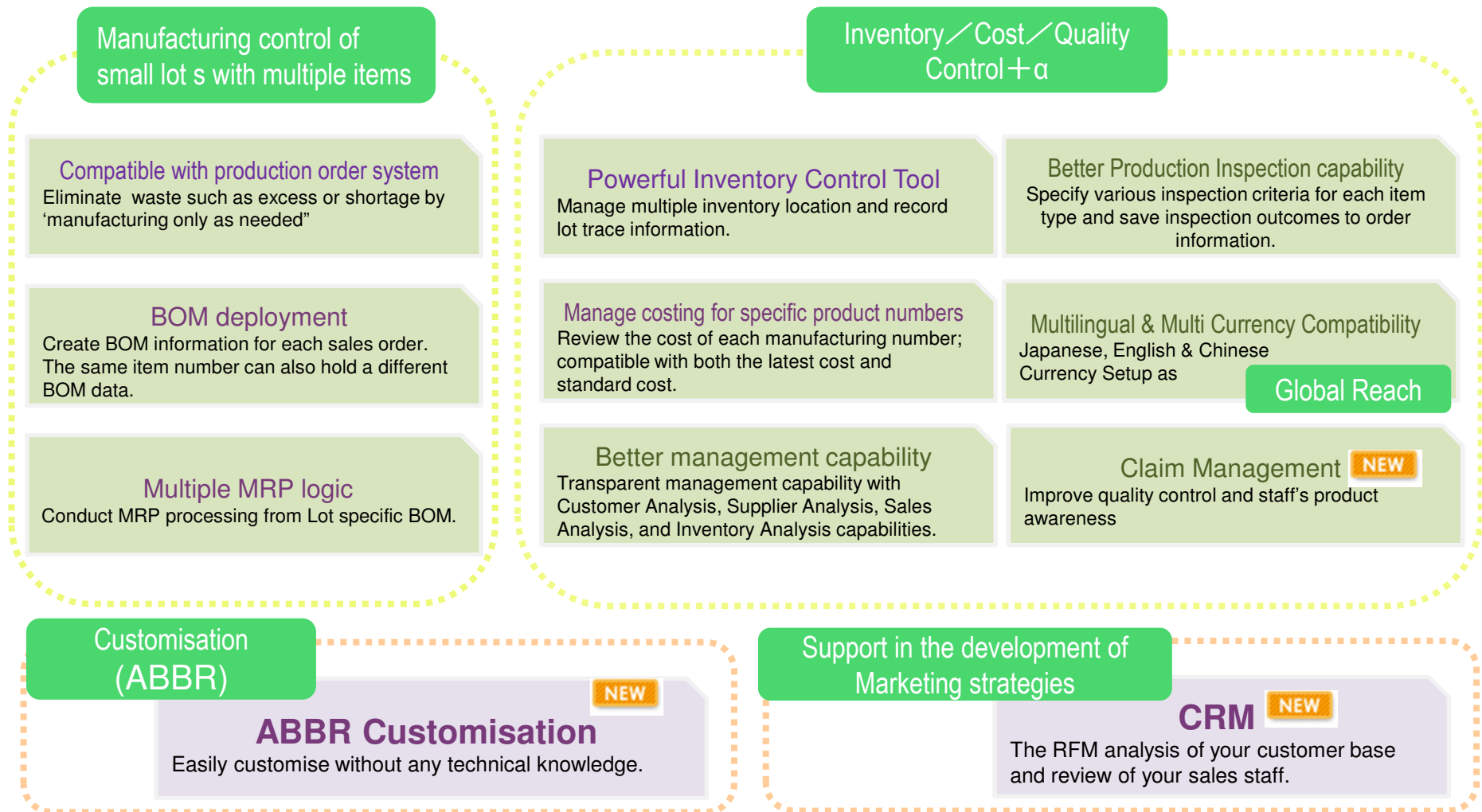
<Step 3>

Create Unique functionality based on company strengths



◆ Features

Introduction to the functionalities within the Cloud2Mfg Production and Sales Control System.



◆ What is this development tool called **ABBR**?

The main feature of Cloud2Mfg: ABBR

Simple customisation platform sans programming language.

What is ABBR ?

ABBR(Application Builder Binary Resource) is a platform within Cloud2Mfg's Cloud-based Manufacturing Control System that enables users to easily customise the system without the use of any programming language.

Six different functions of ABBR within Cloud2Mfg

Create Add-ons or customise Cloud2Mfg using ABBR

Users will be able to take advantage of what ABBR has to offer with minimum training.

- ➡ Simple work window layout modification
- ➡ Server Logic modification
- ➡ Inquiry window generation
- ➡ Create forms easily using the Report Generator functionality
- ➡ Work seamlessly with existing system through Local System to Clouds, Clouds to Local System logic
- ➡ Add user-specific information based on DB customisation specification



ABBR Feature 1: Simple Layout Modification

Straight forward customisation using Design Mode

Simple work window layout modification

The screenshot displays the ABBR Design Mode interface for a 'Simple Operation Window'. The window is titled 'Cloud2Mfg-[TESTSYDNEY]' and contains a 'CHECKIN' button, a 'LOGOUT' button, and a 'SAPP' button. The main area is divided into two sections: a 'Properties' panel on the left and a 'Form' area on the right. The 'Properties' panel lists various properties such as 'Width', 'Left', 'Top', 'Enable', 'Visible', 'Group', 'Clear Group', 'Databound', 'DataBoundHidden', 'Mandatory', 'Service', 'Parameter', 'On Click (RUN(DATABO', 'After Service (RUN(DAT', 'TextBoxType (SEARCH', 'FloatScale', 'Default Value', 'Max Len', 'Upper Case', 'Float databound', 'TabIndex', 'TabEnable', 'CMD Ins(DB(CMDDB))', 'CMD Del(DB(CMDDB))', 'Check Exist DVWDB(DB', 'Search Load Code', 'Perform Calc', 'Function', 'Text Align', 'Font Size', 'Text Height', 'Message Code', 'After No Reply Run', and 'Ansi Input'. The 'Form' area shows a data entry form with fields for 'SALEORDERNO', 'PERSONID', 'CUSTOMERCODE', 'END_USER', 'DELE_PLACE', 'DELE_PLACE_STAFF', 'SALEORDERTYPE', 'AMOUNT_WO', 'OUT_TAX', 'IN_TAX', 'INPUT_DATE', 'SALEREP_CODE', 'ZIP_CODE', 'SALECUSMEMO', and 'FACTORY'. A table with columns 'LINE', 'ITEMCODE', 'ITEMNAME', 'ITEMSPEC', 'QUANTITY', 'UNIT_PRICE', 'AMOUNT', 'DUE_DATE', and 'ORDER_NO_CUS' is also visible. The 'CMD Del(DB(CMDDB))' property is highlighted with a red box, and the 'Ansi Input' property is highlighted with a blue box. A green arrow points from the 'CMD Del(DB(CMDDB))' property to the 'SEARCH' button in the form area. A yellow arrow points from the 'Ansi Input' property to the 'ADD...' button at the bottom of the form area.

Simple Operation Window

Operate control with ease to modify layout or add fields. No programming knowledge is required.

Easily drag and drop to modify layout !

Change system layout to suit your business needs directly on the screen !

New fields can be generated with a drag and drop from the menu.



ABBR Feature 2: Server Logic Setting

Server Logic modification even on the cloud

Server Logic modification

CloudMig Server Logic Master

プログラムID: CLEARANCEENTRY No. of row to move: 1

Screen DB Obj...

検索

Chapter	Command	Keyword	文字列
1	commit	New voucher	From CLEARANCEVOUCHER=NEWSEQ(CL)
2		Commit Rollback	From DsInvClearanceTranVv
3		Condition	ClearanceNo=':CLEARANCEVOUCHER:'
4		Commit insert	Get Key ClearanceNo, ClearanceLn, ClearanceInputDt
5		Get Key	ClearanceLocTyp, ClearanceLocCd, ClearanceItemCd, ClearanceQty
6		Put Field	'::CLEARANCEVOUCHER:', coalesce(max(ClearanceLn), 0)+1, '::CLEARANCEINPUTDATE:'
7		Put Field	'::LOCTYP:', '::LOCCD:', '::ITEMCODE:', 0, '::CLEARANCEQUANTITY:'
8		From	DsInvClearanceTranVv
9		Condition	ClearanceNo=':CLEARANCEVOUCHER:'
10	getVoucher	Select	Get Key distinct ClearanceNo as CLEARANCEVOUCHER, ClearanceInputDt as CLEARANCEINPUTDATE
11		From	DsInvClearanceTranVv, DsComVv
12		Condition	ClearanceNo=':CLEARANCEVOUCHER:'
13	getItem	Select	Get Key distinct ItemCd as ItemCode, ItemName, ItemSpec, ItemDrawNo as ITEMDRAWNUMBER, ItemUnitType as ITEMUNIT
14		From	DsItemVv, DsComVv
15		Condition	ItemCd = '::ITEMCODE:'
16	getLoc	Select	Get Key distinct LocCd, LocName
17		From	DsLocVv, DsComVv
18		Condition	LOCTYP = '::LOCTYP:'
19		Condition	LOCCD = '::LOCCD:'
20	search	Select	Get Key distinct IM.ItemName as ITEMNAME, IM.ItemCd as ITEMCODE, IM.ItemSpec, IM.ItemDrawNo as ITEMDRAWNUMBER, IM.ItemUnitType as ITEMUNIT
21		Get Key	STG.LOCTYP, STG.LOCCD, STG.LOCNAME
22		Get Key	frum(ClearanceQty, 2) as CLEARANCEQUANTITY
23		From	DsComVv, DsInvClearanceTranVv
24		From	left join DsItemVv IM on IM.ItemCd=ClearanceItemCd
25		From	left join DsLocVv STG on STG.LocTyp=ClearanceLocTyp and STG.LocCd=ClearanceLocCd
26		Condition	ClearanceNo=':CLEARANCEVOUCHER:'

行数 26

登録

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Modify Server Logic even on the Cloud.

Modify an existing server logic with no complicated java knowledge required. Server Logic can be automatically generated by filling in the required fields.



ABBR Feature 3: Inquiry Window

Generate unique inquiry windows with only the required information

Inquiry Window generation

Cloud2Mig ガイ・照会画面作成

ガイドID: SEARCHTEST

表示タイトル: SEARCHITEM

データベース名: DsItemPssTb

再表示

COLUMNS

DB項目ID	表示タイトル
ItemPssCd	ITEMCODE
ItemPssNo	ROUT_NO:C
ItemPssComb	COMBINATION:C
ItemPssTyp	PROCESSTYPE
ItemPssPlace	WC_CODE
ItemPssJobTyp	JOB_CODE
ItemPssDesc	MEMO
ItemPssPlanQty	PLANEDQTY:R

行数: 12

行番	DB項目ID	表示タイトル	データキー	横幅
1	ItemPssCd	ITEMCODE		100
2	ItemPssNo	ROUT_NO:C		50

行数: 2

CONDITIONS

DB項目ID	表示タイトル
ItemPssCd	ITEMCODE
ItemPssNo	ROUT_NO:C
ItemPssComb	COMBINATION:C
ItemPssTyp	PROCESSTYPE
ItemPssPlace	WC_CODE
ItemPssJobTyp	JOB_CODE
ItemPssDesc	MEMO
ItemPssPlanQty	PLANEDQTY:R

行数: 12

行番	DB項目ID	表示タイトル	条件指定	ガイ・指定	引
1	ItemPssCd	ITEMCODE	Prefix		

行数: 1

登録 削除 SEARCHTEST

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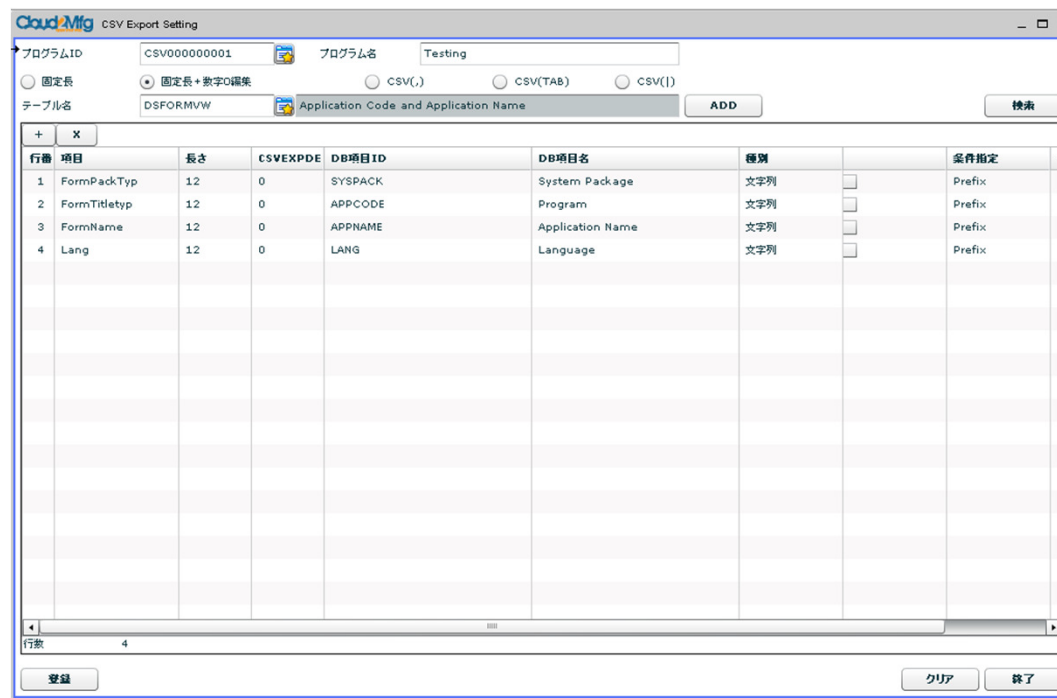
Setup search fields and search outcome setting on the one window.

Easily create inquiry modules by specifying the search criteria, as well as Import and Export CSV data.

◆ ABBR Feature 4: Connecting to Existing Systems

Link to existing systems using simple CSV setting

Work seamlessly with existing system through Local System to Cloud、Cloud to Local System logic



行番	項目	長さ	CSVEXPDE	DB項目ID	DB項目名	種別	条件指定
1	FormPackTyp	12	0	SYSPACK	System Package	文字列	Prefix
2	FormTitletyp	12	0	APPCODE	Program	文字列	Prefix
3	FormName	12	0	APPNAME	Application Name	文字列	Prefix
4	Lang	12	0	LANG	Language	文字列	Prefix

Data Import and Export Setting coordinated to existing specifications

Connect with existing systems by uploading and downloading. In order to download, users can specify the information withdrawal criteria in the extraction logic.

While uploading, users can update the captured data on Cloud2Mfg and also specify any field or table to capture. One of the main features of the system is its ability to link and update information from the user to the cloud based on specific logic and not just a simple data interface.

◆ ABBR Feature 5: Form generator

Easily create forms required for manufacturing control

Create forms easily using the Report Generator functionality

地区コード
得意先コード 001 カスタマー株式会社
対象年月 2010 年 6月

発行

請求書 2010/07/14

〒 105-0011 001 2010年06月
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TEL 03-5552-2111 FAX 03-5552-2119

XYLITOL株式会社
東京都中央区中央2-1-1
メトロビル
03-3101-9511 03-3101-9519

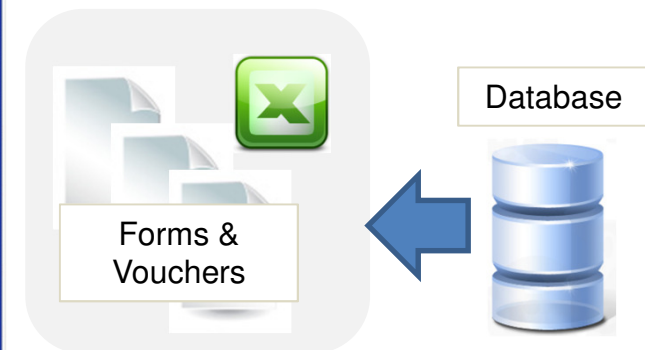
以下の通り、ご請求いたします。

前月末繰越金額	当月売上金額	当月現金売上	当月債引金額	当月入金額	消費税額	当月請求金額

日付	伝票番号	品目コード	数量	単価	金額
		品名			受注オーダー番号

Easily create forms for transaction vouchers

Generate customer ledger information and create projection data from the result. This is a vital part of information analysis and business management.



◆ ABBR Feature 6: DB Customisation fields

Create unique data using customisation fields

Add information unique to a user based on DB customisation specification

CloudMig 船会データ定義マスタ

データベース名: DsItemPssTb

検索

行番	DB項目ID	表示タイトル	データキー	幅	条件指定	属性	小数点桁数
1	ItemPssCd	ITEMCODE		100	Prefix	文字列	0
2	ItemPssNo	ROUT_NO:C		50	Prefix	数値	0
3	ItemPssComb	COMBINATION:C		50	Prefix	数値	0
4	ItemPssTyp	PROCESSTYPE	JOBTYPE	60	CBO:JOBTYPE	Prefix	文字列
5	ItemPssPlace	WC_CODE		80	Prefix	文字列	0
6	ItemPssJobTyp	JOB_CODE	JOBCODE	100	CBO:JOBCODE	Prefix	文字列
7	ItemPssDesc	MEMO		150	Prefix	文字列	0
8	ItemPssPlanQty	PLANEDQTY:R		70	Prefix	数値	2
9	ItemPssPlanTime	PROCESS:R		60	Prefix	数値	2
10	ItemPssPlanTimeTyp	MEASURE_UNIT:C	JOBUNIT	40	CBO:JOBUNIT	Prefix	文字列
11	ItemPssLinkTyp	NEXT_TYPE:C	JOBLINKTYPE	40	CBO:JOBLINK_T	Prefix	文字列
12	ItemPssAllowance	ALLOWANCE:R		40	Prefix	数値	0

行数 12

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行番 12

DB項目ID ItemPssAllowance

表示タイトル ALLOWANCE:R 工程時差 データキー 幅 40

条件指定 Prefix

属性 数値

小数点桁数 0 ☒ Read Only

確認

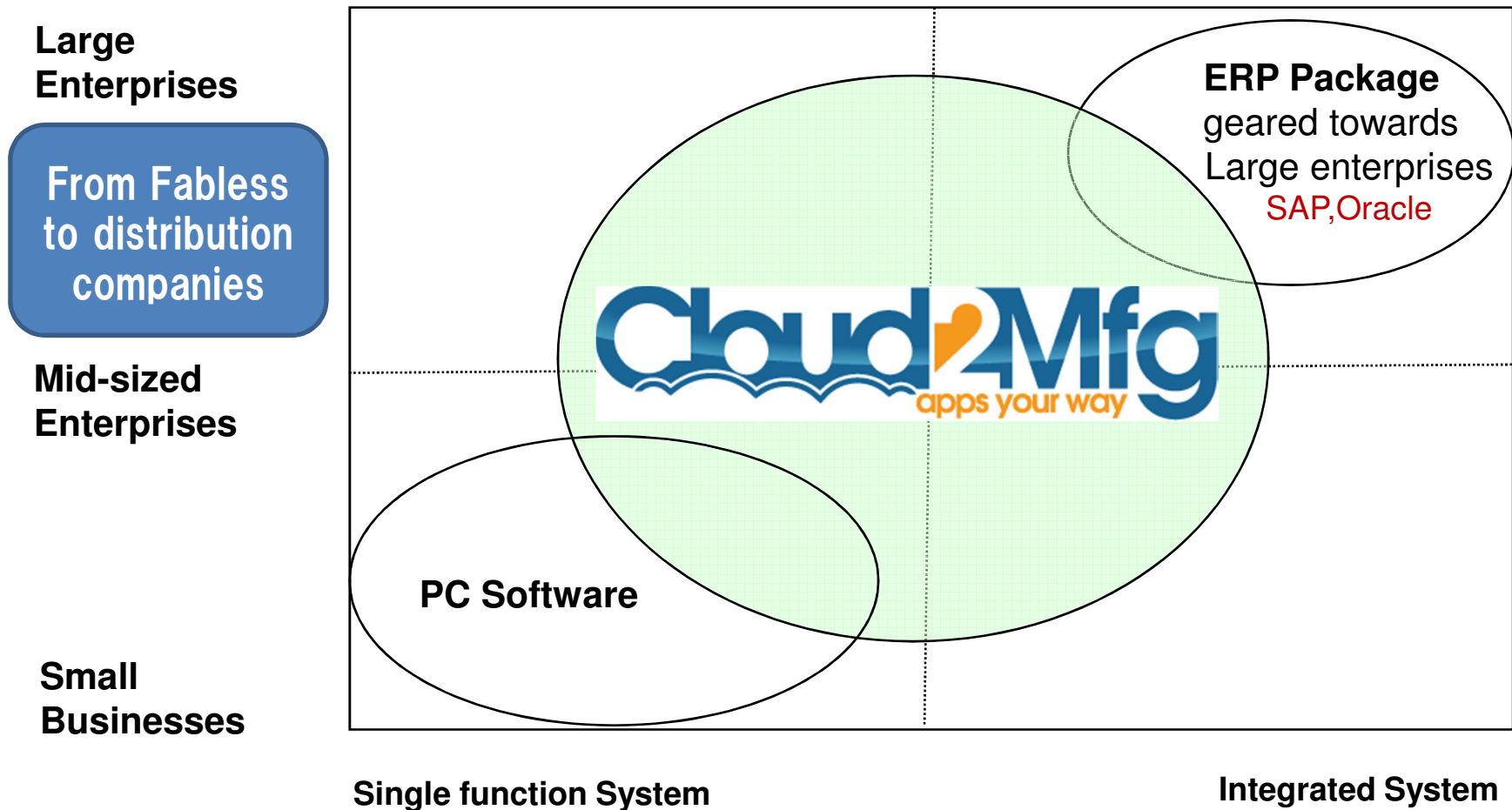
The system provides DB Customisation fields

DB Customisation fields are provided to users. Gain access to reference data by specifying the fields relevant to the business operation.

Additionally, data generated from the current application can be used when creating a unique inquiry module.

◆ Cloud2Mfg's Position

Low price, rich functionalities and module specific setup means compatibility with multi-discipline companies



Cloud2Mfg is a core system that is provided through SaaS. The system, especially in a manufacturing industry setting, covers four business areas, including 1. Production, 2. Procurement, 3. Inventory Control, 4. Sales.