

12/5/2020

**PCG IT Solutions Ltd**



## OUR PORTFOLIO

- 1. CUSTOM CLOUD APPLICATIONS PROJECTS  
INCL. REPORTING**
- 2. AUTOMATION PROJECTS**



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## 1. CUSTOM CLOUD APPLICATIONS DEVELOPMENT INCL. REPORTING (ON MS AZURE PLATFORM)

In the course of the next few pages, we provide an **overview** as to how our different systems work. We also provide an insight as to how we come up with solutions tailored to our client's specifications.

You may wish to note that all these systems have been designed using the Microsoft Dot Net framework.

### 1.2. Cloud-based Applications

In general, our applications are **cloud-based** implying that they are accessible **almost anywhere** throughout the world just **like one's Gmail**; in other words one just has to key in one's credentials to access the system.

Though our cloud-based systems are very user-friendly and intuitive; the user is expected to have some basic functional knowledge to make optimal use of it.

### 1.3. Reporting

**Reporting** has been integrated to **Custom Cloud Applications** but it can very well exist on its own too.

In essence, any company storing its data in a relational database can readily request to **add Custom Reports to their system**. In general, at PCG IT Solutions, we come up with Custom Reports for all of our clients except for those using Oracle database.

Reporting is very important as it enables system users to summarise and present the data in a way that best suits their business goals.

As a matter of example, sales users can - with the use of Custom Reports - readily **figure out the number of items sold over a given period of time and the profit made therein**. (Ref. **Reporting section in GXA Life Insurance System**)

### 1.4. Full Demo

As a matter of info, this is just a quick overview of our system. Please feel to contact us to ask for **a full demo** so that we can give you an insight of what our products/services are all about.



### 1.5. Methodology

In the course of the project, our project team (incl. our project manager and software engineers etc.) will meet with our client team generally via conference calls (incl. telephone, video and screen-sharing) on a weekly basis. We will duly analyse our clients' requirements and come up with a solution which will best fit their needs.

Typically the different stages of the project are listed as follows:-

✓ Prototypes

In this stage, client's requirements are gathered and analysed and mock-up screens are designed to represent the client's needs. This iterative process goes on until the client is fully satisfied with the suggested solution.

✓ Development/Coding incl. creation of Database

The application is coded and the result is shown to the client on a regular (weekly basis) in the course of our project meetings. During this stage, all the different modules of the system are also **tested** prior to UAT.

✓ User Acceptance Tests (UAT)

In the course of this stage, the newly designed system is remitted to the client so that it is fully tested. During this exercise, bugs are logged and fixed in the course of our **weekly** deployments (or builds). Additionally, **minor** change requests are taken on board during this phase. The process goes on until the Go-Live date.

✓ Go-Live \*\*

The Go-Live date typically marks the end of the project whereby all project deliverables (incl. Software, Relevant Project Mgmt. docs and User Guide) are delivered to the client.

✓ Maintenance & User Support

- Post Go-Live support/assistance

At PCG IT Solutions, we do provide ongoing support/ Post Go-Live support to our clients even when the project is over so that bugs identified, change/enhancements are duly handled by our software development team.



Note: -

- (1) The Go-Live\*\* is **NOT** really a stage or a process.
- (2) All installations (and related updates) **can be done remotely** i.e., no need for our team to travel to handle applications issues.

### 1.6. Payments\*\*

You may wish to note that payments (part payments) are settled at **three** distinct periods

- After the prototype stage
  - On the first day of UAT
  - On Go-live date
- 
- **Recent Custom Cloud Application Projects** are as shown:-
    - Generate & Print Barcode system
    - Galileo Reinsurance System
    - GXA Life Insurance System
    - Order Processing & Billing (OPB) System (**COMING SOON!**)

**MORE @ <https://pcg-ict.com/our-activities/cloud-apps-development/>**



## 2. CUSTOM CLOUD APPLICATION (INCL. REPORTING) PROJECTS

### 2.1. Generate & Print Barcode system

The Generate & Print Barcode system is a **very simple non-cloud based** application whereby system users can add the Product Codes of a number of Products and **store** them into a text file (via the <New> button).

As such, users can search all the Product Codes into the drop down (ref. below); <Generate> and <Print> the bar codes as per their requirements.

The following illustrates the Bar code application. You will note that we have **deliberately** masked the company's name.

PCG IT Solutions Ltd

Barcode Generator

Artificial Bamboo Green 5m

2864727861739507

Product Code: 28647278617395 - Artificial Bamboo Green 5m

Barcode Width: 300

Barcode Height: 75

Generate New Save Print

Designed by PCG IT Solutions Ltd



## 2.2. Galileo Reinsurance System

The Galileo Reinsurance System basically consists of a main (**Transaction**) screen along with a number of other screens as per the Main Menu (Ref. Page 7)

### Technical Accounting

- Credit Note
- Debit Note

### Claims

- Claim Advice
- Claim Settlement Advice

### Administration

- Third Party
- Views
  - o Transaction View

### Reports/Exports

- Brokerage Per Transaction Report

What follows is the Login screen of the **cloud-based** Galileo Reinsurance System; you will note that we have deliberately masked the client's Logo and his/her login as shown below



The Transaction screen is the **core** of the system where records can be Created, Updated, Queried and Deleted (etc.,) depending on the **User's access rights**.

Once the user is logged in; he/she will access the Main screen (Ref below) along with the above mentioned screens based on his/her **access rights (permissions)**.

As a matter of illustration we provide the reader an insight as to how a Transaction record is created.

You may wish to note that whilst the screen buttons are simple and intuitive; **the creation of the New Records and Search of a given record** imply that one has to hit the **<Clear>** button to clear the screen first and then key in (or select from the dropdowns) all the required values pertaining to the Transaction record and then hit **<New>** to save the record.





The screenshots below illustrates the Creation of a Transaction record and how the Transaction No will be automatically generated (as highlighted)

Galileo Reinsurance System

Financial Accounting Technical Accounting Claims Administration Reports/Exports

Underwriting Year: 2019  
 Type Of Cover: EPG - Energy Power Gene  
 Transaction No:    
 Insured Name: ZY  
 Cedant: XW  
 Insurer/Reinsurer: VT  
 Country: Kenya  
☒ Opportunity  
☐ Contract

Currency: USD  
 Sum Insured(100%): 250000  
 Premium: 35000  
 Premium Due Date: 07/31/2019  
 Our Share (%):  
 Premium Due To Aegis Re:  
 Premium Due To Ins./Reins.:  
 Commission To Insurer(%): 3  
 Commission From Reinsurer(%): 0  
 Brokerage: 2000

Client Ref. Number: 170500  
 New/Endo/Ren: Test  
 Period From: 07/31/2019  
 Period To: 07/31/2020  
 Status: Test  
 Intermediary: DIRECT  
 Contract Documents:  
☐ Compliance Documents  
☐ Other Docs  
☐ Proposal Forms  
☒ Risk Survey  
☐ Signed Contracts  
☐ Slips  
☒ Compliance  
☐ Retro ☐ Facultative ☐ Treaty ☒ Direct Broking

I<< First < Previous Next > Last >>I Clear New Update Delete Search

TRANSACTION RECORD INSERTED  
 OK

Galileo Reinsurance System

Financial Accounting Technical Accounting Claims Administration Reports/Exports

Underwriting Year: 2019  
 Type Of Cover: EPG - Energy Power Gene  
 Transaction No: EPG-2019-07-0001  
 Insured Name: ZY  
 Cedant: XW  
 Insurer/Reinsurer: VT  
 Country: Kenya  
☒ Opportunity  
☐ Contract

Currency: USD  
 Sum Insured(100%): 250,000.00  
 Premium: 35,000.00  
 Premium Due Date: 07/31/2019  
 Our Share (%): 32.50  
 Premium Due To Aegis Re: 10,000.00  
 Premium Due To Ins./Reins.: 5,000.00  
 Commission To Insurer(%): 3  
 Commission From Reinsurer(%): 0  
 Brokerage: 2,000.00

Client Ref. Number: 170500  
 New/Endo/Ren: Test  
 Period From: 07/31/2019  
 Period To: 07/31/2020  
 Status: Test  
 Intermediary: DIRECT  
 Contract Documents:  
☐ Compliance Document:  
☐ Other Docs  
☐ Proposal Forms  
☒ Risk Survey  
☐ Signed Contracts  
☐ Slips  
☒ Compliance  
☐ Retro ☐ Facultative ☐ Treaty ☒ Direct Broking

I<< First < Previous Next > Last >>I Clear New Update Delete Search



At that point in time, the user can readily add the relevant Credit Note(s) or Debit Note or even Claims associated (Ref below)

CreditNote

### CREDIT NOTE

Credit No.	<input type="text"/>		
Original Insured	<input type="text" value="ZY"/>		
Type Of Policy	<input type="text" value="EPG - Energy Power Generation"/>		
Our Reference No.	<input type="text" value="EPG-2019-07-0001"/>		
Period From	<input type="text" value="07/31/2019"/>	<input type="button" value="Calendar"/>	
Period To	<input type="text" value="07/31/2020"/>	<input type="button" value="Calendar"/>	
Insurer/Reinsurer	<input type="text" value="VT"/>		
Currency	<input type="text" value="USD"/>		
Benef. Account Number	<input type="text" value="125541735"/>		
Gross Premium	<input type="text" value="35000"/>		
Our Share	<input type="text" value="32.50"/>	<input type="text" value="11375"/>	<input type="text"/>
Brokerage	<input type="text" value="25"/>	<input type="text"/>	
Net Premium Payable	<input type="text"/>		
		<input type="checkbox"/> Approved <input type="checkbox"/> Sum Paid	

What follows is a quick example as to how an associated Credit Note can be created and added to the Transaction.



**CREDIT NOTE**

Credit No.	
Original Insured	ZY
Type Of Policy	EPG - Energy Power Generation
Our Reference No.	EPG-2019-07-0001
Period From	07/31/2019
Period To	07/31/2020
Insurer/Reinsurer	VT
Currency	USD
Benef. Account Number	125541735
Gross Premium	35000
Our Share	32.50
Brokerage	25
Net Premium Payable	8531.25

CREDIT NOTE INSERTED  
 OK

☐ Approved    ☐ Sum Paid

< Previous    Next >    Clear    **New**    Update    Delete    Print

Once again, the Credit No is automatically generated as highlighted below

**CREDIT NOTE**

Credit No.	EPG-2019-07-0001-C-01
Original Insured	ZY
Type Of Policy	EPG - Energy Power Generation
Our Reference No.	EPG-2019-07-0001
Period From	07/31/2019
Period To	07/31/2020
Insurer/Reinsurer	ABC REINS
Currency	USD
Benef. Account Number	125541735
Gross Premium	35,000.00
Our Share	32.50
Brokerage (%)	25.00
Net Premium Payable	8,531.25

☐ Approved    ☐ Sum Paid

< Previous    Next >    Clear    New    Update    Delete    Print



### 2.3. GXA Life Insurance System

In essence, the GXA Life Insurance System **automates the computation of monthly Insurance Premiums** to be collected from the Insured by the Life Insurance Company.

So the system basically consists of Amortisation Plans for Loans taken by clients and the **monthly Insurance Premiums** payable to the Insurance Company. Another big feature of GXA Life Insurance System is the Insurance Premium **Report** for any given period of time (past, present or future).

The GXA Life Insurance System basically consists of a “**Main**” screen and a “**Financial Operations > Loans And Overdrafts**” screen along with a number of other screens including Reports/Views (**Ref. Page 14**)

Financial Operations (Opération Financière)

- Loans And Overdrafts (Prêts Et Découverts)

Insured Details (Détails de l'Assuré)

- Questionnaire

Administration

- Bank Details (Détails des Banques)

Reports/Views (Rapports/Tableaux)



- Reports (Rapports)
  - o Insurance Premiums for a defined period (Primes par période)
- Views (Tableaux)
  - o Insurance Plans (Plans d'Assurances)
  - o Insurance Premiums (Primes d'Assurances)

What follows is the Login screen of the GXA Life Insurance System (Ref Next Page )

You may wish to note that certain sections or labels of the application could be in **french** as the client primarily comes from a French-speaking country



Login



User Name

Password

User Type  
ADMIN

Job Type  
DIRECT

OK Cancel

Designed by [PCG IT Solutions Ltd](#)



The screenshot displays a web application window titled 'Main'. The 'Financial Operations' menu item is highlighted with a red circle. The main content area is titled 'GROUP INSURANCE CONTRACTS - GXA'. It contains two columns of input fields:

Client Information	Insured Information
Client No: C-2019-08-0002	Last Name of Insured: Almond
Client Bank Ref: C-2517	First Name of Insured: George Q.
Code No: 2321	Date Of Birth: 20/05/1975
Account Number: 12257817	Sex: H
Registered Address: Rue Ethiopie	Job: TEST Menuisier
Last Name of Holder: Almond	Address: Rue Angola
First Name of Holder: George Q.	

At the bottom of the form, there is a row of buttons: I<< First, <<Previous, Next>>, Last >>I, Clear, Save New, Update, Delete, Reinitialise, and Search.

In the screen above, the Personal Details of the Insured are recorded.

For this particular client, one can view his/her Loans and Overdrafts by clicking on “**Financial Operations> Loans And Overdrafts**” on the menu.

For the sake of this portfolio, the focus will be on the **salient features** of the Life Insurance System only.

Details of the Loans and the corresponding **Amortisation Plan** are provided on next page



Plan

### LOAN / OVERDRAFT DETAILS

Loan No: C-2019-08-0002-P-001

Client No: C-2019-08-0002

Last Name: Almond

First Name: George Q.

Client Bank Ref: C-2517

Borrowed Amount: 400,000.00

Insured Amount: 400,000.00

Currency: DJF

Bank: BCI

Account Number: 12257817

Interest Rate(%): 10.00

Insurance Rate(%): 0.95

Increment(%): 0

Period: MENSUELLE

Num Instalments: 36

Deferred Period: 0

Disbursement Date: 23/10/2019

First Instalment Date: 22/05/2019

Loan End Date: 17/10/2019

Status: EN COURS

Financial Operation Type:  
☒ Amortisable Loan  
☐ Overdraft

Declaration:  
☒ Not Covered by this contract  
☐ Covered by this contract

Effectuated at: GXA ASSURANCES on 30/07/2019

Amount of Insured Capital: 40,000.00

<<Previous
Next>>
Last >>|
Clear
Save New
Update
Print Certificate
Amortisation Plan

#	Due Date	Balance	Principal	Interest	Insurance	Instalments
1	22/May/2019	390,564.00	9,436.00	3,333.00	317.00	13,086.00
2	22/June/2019	381,042.00	9,522.00	3,255.00	309.00	13,086.00
3	22/July/2019	371,433.00	9,609.00	3,175.00	302.00	13,086.00
4	22/August/2019	361,736.00	9,697.00	3,095.00	294.00	13,086.00
5	22/September/2019	351,951.00	9,785.00	3,014.00	286.00	13,086.00
6	22/October/2019	342,077.00	9,874.00	2,933.00	279.00	13,086.00
7	22/November/2019	332,112.00	9,965.00	2,851.00	271.00	13,086.00
8	22/December/2019	322,056.00	10,055.00	2,768.00	263.00	13,086.00

#	Year	Principal	Interest	Insurance	(Yearly) Instalments
2	2020	128,068.00	26,451.00	2,513.00	157,032.00
3	2021	142,817.00	12,982.00	1,233.00	157,032.00
4	2022	51,171.00	1,071.00	102.00	52,344.00
TOTAL		400,000.00	64,928.00	6,168.00	471,097.00

Save List  
Delete List  
Print List

Details pertaining to the Loan including parameters like Sum Insured, Sum Borrowed, Insurance Rates, Interest Rates, Number of Instalments etc. are recorded and the Amortisation Plan for the Loan, based on the whole set of parameters, is generated by clicking on the < **Amortisation Plan** > button as highlighted above.

The Amortisation Plan shows that the client (Mr. Almond) has to remit 317 DJF (highlighted above) as Insurance Premium to the Insurance Company on May 22<sup>nd</sup> 2019.

Additionally, the client will have to pay a total of 6,168 DJF as Insurance Premium to the Insurance Company for the 400,000 DJF loan based on a number of parameters as per the screenshot above.

The Full Details pertaining to the Amortisation Plan can then be printed or saved as PDF. Likewise, details of other Insured and their corresponding Loan details are duly saved.



### 2.3.1. Reporting Feature

One of the essential features of the GXA Life Insurance System is the user-friendly **Insurance Premium Report** which can be generated over **any** given period of time. The content of the report can then be either printed or saved as PDF or Exported to Excel

#### Case 1:- From 26/11/2019 to 26/12/2019

InsPremiumRep

**INSURANCE PREMIUM FOR A DEFINED PERIOD**

DATE  
 From 26/11/2019 To 26/12/2019

Insured Name  Financial Institution  Financial Operation

Client No	Loan No	Client Bank Ref.	Last Name	First Name	Borrowed Amount	Currency	Financial Institution	Status	Num Instalments	First Instalment	Amortisable Loan(P)/ Overdraft(D)	Insurance Premium
C-2019-08-0002	C-2019-08-0002...	C-2517	Almond	George Q.	400000.00	DJF	BCI	EN COURS	36	2019-05-22	P	263.00
C-2019-08-0002	C-2019-08-0002...	C-2517	Almond	George Q.	575000.00	DJF	GXA	EN COURS	25	2019-10-25	P	992.00
C-2019-08-0002	C-2019-08-0002...	C-2517	Almond	George Q.	25000000.00	DJF	BCI	EN COURS	48	2019-12-19	P	19,792.00
C-2019-08-0003	C-2019-08-0003...	A-1412	Putty	Abdel M.K	1018000.00	DJF	BOA	EN COURS	36	2019-05-25	P	727.00
C-2019-09-0001	C-2019-09-0001...	C-1752	G.	Gary	1627000.00	DJF	BOA	EN COURS	36	2018-09-25	P	885.00
C-2019-09-0001	C-2019-09-0001...	C-1752	G.	Gary	250000.00	DJF	BCI	EN COURS	12	2019-08-17	P	135.00
C-2019-10-0001	C-2019-10-0001...	AC-12417	TERIEUR	Alain	975000.00	DJF	BDGD	EN COURS	24	2019-10-26	P	792.00
TOTAL	###	###	###									23,586.00

Refresh Grid Print Export





### Case 2:- From 26/12/2019 to 26/12/2020

InsPremiumRep

INSURANCE PREMIUM FOR A DEFINED PERIOD

Insured Name:  DATE: From 26/12/2019 To 26/12/2020 Financial Institution:  Financial Operation:

Client No	Loan No	Client Bank Ref.	Last Name	First Name	Borrowed Amount	Currency	Financial Institution	Status	Num Instalments	First Instalment	Amortisable Loan(P)/ Overdraft(D)	Insurance Premium
C-2019-08-0002	C-2019-08-0002...	C-2517	Almond	George Q.	400000.00	DJF	BCI	EN COURS	36	2019-05-22	P	2,513.00
C-2019-08-0002	C-2019-08-0002...	C-2517	Almond	George Q.	575000.00	DJF	GXA	EN COURS	25	2019-10-25	P	8,758.00
C-2019-08-0002	C-2019-08-0002...	C-2517	Almond	George Q.	25000000.00	DJF	BCI	EN COURS	48	2019-12-19	P	211,357.00
C-2019-08-0003	C-2019-08-0003...	A-1412	Putty	Abdel M.K	1018000.00	DJF	BOA	EN COURS	36	2019-05-25	P	7,033.00
C-2019-09-0001	C-2019-09-0001...	C-1752	G.	Gary	1627000.00	DJF	BOA	EN COURS	36	2018-09-25	P	7,697.00
C-2019-09-0001	C-2019-09-0001...	C-1752	G.	Gary	250000.00	DJF	BCI	EN COURS	12	2019-08-17	P	478.00
C-2019-10-0001	C-2019-10-0001...	AC-12417	TERIEUR	Alain	975000.00	DJF	BDCD	EN COURS	24	2019-10-26	P	7,876.00
TOTAL	###	###	###									245,712.00

Refresh Grid Print Export

Different parameters can be selected to “filter” the data in the Report. In addition this report can also be printed by clicking the Print (i.e., <Print>) button – Ref. screenshot below

Print preview

PREMIUM PER PERIOD

Date From : 26/12/2019 To :26/12/2020

Client No	Client Ban...	Last Name	First Name	Borrowed Am...	Financial Insti...	First Instalment	Insurance Premium
C-2019-08-0002	C-2517	Almond	George Q.	400000.00	BCI	2019-05-22	2,513.00
C-2019-08-0002	C-2517	Almond	George Q.	575000.00	GXA	2019-10-25	8,758.00
C-2019-08-0002	C-2517	Almond	George Q.	25000000.00	BCI	2019-12-19	211,357.00
C-2019-08-0003	A-1412	Putty	Abdel M.K	1018000.00	BOA	2019-05-25	7,033.00
C-2019-09-0001	C-1752	G.	Gary	1627000.00	BOA	2018-09-25	7,697.00
C-2019-09-0001	C-1752	G.	Gary	250000.00	BCI	2019-08-17	478.00
C-2019-10-0001	AC-12417	TERIEUR	Alain	975000.00	BDCD	2019-10-26	7,876.00
TOTAL	###	###					245,712.00

This is an example of **Custom Reports** within the **GXA Life Insurance System**.



## 2.4. Order Processing & Billing (OPB) System (COMING SOON!)

The aim of the Order Processing and Billing (OPB) System is basically to considerably improve stock control and track Account Receivables from the Clients.

It all starts with tracking Quotations, corresponding Purchase Orders, Invoice and Receipts. The system also involves Products and Services (PNS) and Client Details.

So, in essence, the system (user/employee/salesperson) will create a quotation and a corresponding Purchase Order (PO) will be created accordingly as the client validates the quotation.

The Client Purchase Order (PO) will contain items i.e., a list of Products and Services (PNS) requested by the client.

An Invoice will in turn be generated following the transaction; and a Receipt will subsequently be issued as the client effects payment.

A glimpse of the project (in development phase) is provided below with the following screenshots:-

### 2.4.1. Client and Corresponding Orders

The screenshot displays the 'Client Details' window within the PCG IT Solutions Ltd software. The window has a menu bar with options: MainMenu, GENERAL, CLIENT, ORDER, INVOICE RECEIPT, PNS, REPORTS, and ADMIN. The 'Client Details' form includes fields for Client No (CLI-2020-07-0001), Comp. Name (sa u), Client Name (Krish u), Phone (0145782445 a), Fax (ddd u), Email (1@gmail.com u), Address Line (ad1 u, ad2 u, ad3 u, ad4 u, ad5 u), and Comment (ok u12). Below the form are buttons for navigation (|<<, <, >, >>|), Clear, Save, Update, Delete, Search, and Print. A tabbed interface at the bottom shows 'QUOTATION', 'ORDER', 'INVOICE', and 'RECEIPT'. The 'ORDER' tab is active, displaying a table of orders.

ORD_ORD_NO	ORD_SUPP_NO	ORD_CLIENT_NO	ORD_DATE	ORD_REQUIRED	ORD_SHIPPED_D	ORD_STATUS	ORD_COM
ORD-2020-07-00	S1	CLI-2020-07-0001	06-07-2020	07-07-2020	08-07-2020	1	ok 1
ORD-2020-07-00	S1	CLI-2020-07-0001	06-07-2020	07-07-2020	08-07-2020	1	ok



#### 2.4.2. Products And Services (PNS) and corresponding Orders

MainMenu

GENERAL CLIENT ORDER INVOICE

PNS

### Product And Services (PNS)

PNS No : PNS-2020-07-0001

PNS Code : P001

PNS Serial No : 1

PNS Warranty : 2

PNS Category Name : C1

PNS Name : product1

PNS Desc Line : d1  
d2  
d3  
d4 up31 70

PNS Type : T1

PNS Buying Price : 10.0000

PNS Units in Stock : 1

[<<] [ < ] [ > ] [ >> ] [Clear] [Save] [Update] [Delete] [Search] [Print]

### ORDERS

	ORD_ORD_NO	ORD_SUPP_NO	ORD_CLIENT_NO	ORD_DATE	ORD_REQUIRED	ORD_SHIPPED_D	ORD_STATUS	ORD_COM
▶	ORD-2020-07-0001	S1	CLI-2020-07-0001	06-07-2020	07-07-2020	08-07-2020	1	ok1
*	ORD-2020-07-0002	S2 u	CLI-2020-07-0002	07-07-2020	08-07-2020	09-07-2020	4	ok2u



### 2.4.3. Orders and corresponding Products And Services (PNS)

MainMenu

GENERAL CLIENT ORDER INVOICE RECEIPT PNS REPORTS ADMIN

Order

#### ORDER DETAILS

Order No :	ORD-2020-07-0001	Required Date :	07-07-2020
Supplier No :	S1	Shipped Date :	08-07-2020
Client No :	CLI-2020-07-0001	Status (Order Confirmed by Client) :	1
Order Date :	06-07-2020	Comments :	ok 1

#### Product And Services (PNS)

	PNS_NO	PNS_CODE	PNS_SERIAL_NO	PNS_WARRANTY	PNS_CATEGORY	PNS_NAME	PNS_DESC_UN1	PNS_DESC_U
▶	PNS-2020-07-0001	P001	1	2	C1	product1	d1	d2
*								



### 3. AUTOMATION PROJECTS

**Process Automation** typically refers to the technology whereby programs i.e., **Software Robots** replicate manual processes typically performed by human beings in an automated yet highly reliable way.

Typically software robots can open e-mails and attachments, log into applications, fill in forms, perform calculations, and read from and write to databases (i.e., via CSVs or excel).

Automation allows organisations to do more with 100% accuracy whilst minimising risk when it comes for instance to performing repeatable jobs. As a matter of comparison, **software robots** can operate up to **15 times as quick as the fastest human workers!**

In essence, automation aims at freeing up high value employees from tedious labour intensive tasks and devote their precious time to decision-making and problem solving activities.

As a matter of example, automation can be used for Invoice Management (as illustrated below), Payment Processing, Computing Metrics pertaining to social media, Reporting and Reconciliation etc....

#### 3.1. Methodology

As regards the methodology when it comes to Automation projects; it is same for custom Cloud-based Application projects (**Ref. Page 2**) but it would generally exclude the Prototype stage.

#### 3.2. Payments\*\*

You may wish to note that payments (part payments) are settled at **three** distinct periods

- At the outset (once project scope has been defined)
  - On the first day of UAT
  - On Go-live date
- **Recent AUTOMATION PROJECTS** are as shown:-
    - Input Automation System for Cloud/Desktop Application
    - Invoice Automation Tool

**MORE @ <https://pcg-ict.com/our-activities/process-automation>**



### 3.3. Input Automation System for Cloud/Desktop Application

The objective is to get the **Software Robot** to pick up the cell value data from an excel sheet (**Ref. highlighted below**); open/log into the Cloud-based application i.e., **Life Insurance System**; copy and paste the highlighted data line in an error-free manner to the required form.

1	Statut	disjonction	No de certificat	Montant emprunte	Montant assure	Devise	Banque	Taux d'interet	Taux d'Assurance	Majoration	Periodicite	Nombre de decheance	Periode de differe	Date de deblocage	Date de premiere echeance	Statut	Operati
2	N		C-1340	575000	575000	DUF	BCI	10	0.95	0	MENSUELLE	24	0	01/03/2020	17/03/2020	AUTRE	P
3	E		C-2817	2000000	2000000	DUF	BOA	11	1	0	MENSUELLE	30	1	03/03/2020	20/03/2020	EN COURS	P
4	E		C-1505	125000	125000	DUF	GXA	14	1.2	0	MENSUELLE	42	1	07/04/2020	22/03/2020	EN COURS	D
5	E		C-1425	75000	75000	DUF	BCI	10	0.95	0	MENSUELLE	24	1	28/03/2020	28/04/2020	EN COURS	P
6	E		C-1425	50000	50000	DUF	GXA	14	1.2	0	MENSUELLE	30	0	03/04/2020	30/04/2020	EN COURS	P
7	E		C-2780	175000	175000	DUF	BOA	11	1	0	MENSUELLE	40	1	07/03/2020	28/03/2020	EN COURS	P
8	E		C-1425	110000	110000	DUF	BOA	11	1	0	MENSUELLE	46	1	08/04/2020	02/05/2020	EN COURS	P
9	E		C-1535	15200	15200	DUF	GXA	14	1.2	0	MENSUELLE	36	0	15/02/2020	05/05/2020	AUTRE	P
10	E		C-1535	35000	35000	DUF	BCI	10	0.95	0	MENSUELLE	48	0	14/02/2020	08/06/2020	EN COURS	D
11	E		C-1174	775000	775000	DUF	BCI	10	0.95	0	MENSUELLE	24	0	19/04/2020	21/04/2020	PRET ANNULE	P
12	E		C-1174	2500000	2500000	DUF	BOA	11	1	0	MENSUELLE	30	1	12/04/2020	17/04/2020	EN COURS	P
13	E		C-2817	1500000	1500000	DUF	BCI	10	0.95	0	MENSUELLE	48	0	11/04/2020	22/04/2020	EN COURS	P
14	E		C-2780	115000	115000	DUF	BCI	10	0.95	0	MENSUELLE	20	0	17/04/2020	28/04/2020	EN COURS	D
15	E		C-1505	110000	110000	DUF	BOA	11	1	0	MENSUELLE	22	1	19/04/2020	30/04/2020	EN COURS	P
16	N		C-2780	550000	550000	DUF	GXA	14	1.2	0	MENSUELLE	32	1	11/05/2020	20/05/2020	EN COURS	P
17																	
18																	
19																	
20																	



Plan

### LOAN / OVERDRAFT DETAILS

Loan No	C-2020-03-0001-P-001	Bank	BCI	First Instalment Date	17/03/2020
Client No	C-2020-03-0001	Account Number	92631043	Loan End Date	15/08/2022
Last Name	Worgan	Interest Rate(%)	10.00	Status	AUTRE
First Name	Perceval	Insurance Rate(%)	0.95	Financial Operation Type	<input checked="" type="radio"/> Amortisable Loan <input type="radio"/> Overdraft
Client Bank Ref	C-1240	Increment(%)	0	Declaration	<input type="radio"/> Not Covered by this contract <input checked="" type="radio"/> Covered by this contract
Borrowed Amount	575,000.00	Period	MENSUELLE	Effected at	DJIBOUTI on 01/03/2020
Insured Amount	575,000.00	Num Instalments	24	Amount of Insured Capital	575,000.00
Currency	DJF	Deferred Period	0		
		Disbursement Date	01/03/2020		

<<Previous    Next>>    Last >>I    Clear    Save New    Update    Print Certificate    **Amortisation Plan**

#	Due Date	Balance	Principal	Interest	Insurance	Instalments
1	17/March/2020	553,461.00	21,539.00	4,792.00	455.00	26,786.00
2	17/April/2020	531,725.00	21,736.00	4,612.00	438.00	26,786.00
3	17/May/2020	509,791.00	21,934.00	4,431.00	421.00	26,786.00
4	17/June/2020	487,656.00	22,134.00	4,248.00	404.00	26,786.00
5	17/July/2020	465,320.00	22,336.00	4,064.00	386.00	26,786.00
6	17/August/2020	442,780.00	22,540.00	3,878.00	368.00	26,786.00
7	17/September/2020	420,034.00	22,746.00	3,690.00	351.00	26,786.00
8	17/October/2020	397,081.00	22,953.00	3,500.00	333.00	26,786.00

#	Year	Principal	Interest	Insurance	(Yearly) Instalments
1	2020	224,456.00	39,640.00	3,766.00	267,862.00
2	2021	297,696.00	21,678.00	2,059.00	321,434.00
3	2022	52,848.00	662.00	63.00	53,572.00
	TOTAL	575,000.00	61,980.00	5,888.00	642,868.00

Save List    Delete List    Print List





### 3.4. Invoice Automation Tool

The **Invoice Automation Tool** works by **extracting data from PDF Invoices** and **places the extracted data in an excel sheet** in a super-fast and error free manner (Ref. below) where further analysis can be performed.

PCG IT Solutions Ltd



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 EMAIL: [contact@pcg-ict.com](mailto:contact@pcg-ict.com)  
 WEBSITE: <http://pcg-ict.com>  
 ADDRESS: THE HIVE,  
 INDUSTRIAL ROAD, ST PIERRE

## INVOICE

# INV-02/20052019

Date: May 20, 2019  
 Currency: MUR

Service Provider:  
 PCGIT Solutions Ltd  
 THE HIVE,  
 Industrial Road,  
 ST PIERRE

Client:  
 MK Advisors  
 PANCANO BUILDING,  
 Royal Road,  
 POINTE AUX CANNONIERS

	Particulars	Unit Price	Quantity	Line Total
1	Implementing Global Site Tag (GST) on MKA Website	17,000	1	17,000
	<b>TOTAL</b>		<b>##</b>	<b>17,000</b>

PCG IT Solutions Ltd



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 INDUSTRIAL ROAD, ST PIERRE

## INVOICE

# INV-02/19122019

Date: Dec 19, 2019  
 Currency: MUR

Service Provider:  
 PCGIT Solutions Ltd  
 THE HIVE,  
 Industrial Road,  
 ST PIERRE

Client:  
 MK Advisors  
 PANCANO BUILDING,  
 Royal Road,  
 POINTE AUX CANNONIERS

	Particulars	Unit Price	Quantity	Line Total
1	Resolving Web Links Issues on MKA Website	16,500	1	16,500
	<b>TOTAL</b>		<b>##</b>	<b>16,500</b>





