

# WINS Automated Testing

Using HP QTP



**Key Management Group, Inc.**

*Fostering Partnerships*

[www.kmgus.com](http://www.kmgus.com)



# **1 CASE STUDY ON WINS TESTING USING QTP**

KMG has successfully automated applications for few of our clients by using HP's QTP. KMG's automation experts were involved in Automation planning, designing framework, creating scripts, executing scripts and report generation.

It has been particularly interesting to use automated tools like QTP for testing of legacy AS/400 based application WINS.

## **1.1 CUSTOMER DETAILS**

The customer is a multi-line property/casualty insurance group. Customer offers a broad range of insurance products including commercial property insurance and worker's compensation insurance. It is a full service company, also providing claims and loss control services.

Customer uses WINS to administer the policy life-cycle, with third-party applications for application intake to rating and underwriting.

## **1.2 OVERVIEW**

For using QTP at this client, we used a Data Driven framework which picks the test data kept in data sheets.

The test cases cover the following transaction of WINS:

- New business
- Final cancel
- Add from cancel
- Mid-term endorsement
- Retroactive endorsement (to inception)
- Midterm cancel
- Reinstatement
- Final audit
- Revised final audit
- Renewal

To Create the Data Driven Framework for QTP, following are the tasks that has been done:

- Prepare the Data Sheet: The datasheet structure should have only one datasheet where screen wise data are stored in different for each test case.
- Create shared Object Repository where field names (screen wise) are kept as object.
- Using shared Object Repository screen wise functions are created that are called from the script (e.g. New Business) where data are collected from data sheet and written in the respective screens.
- An auto generation of Policy Number in New Business occurs and at the completion of run with this policy numbers all the POLICY columns for every test case gets filled up.

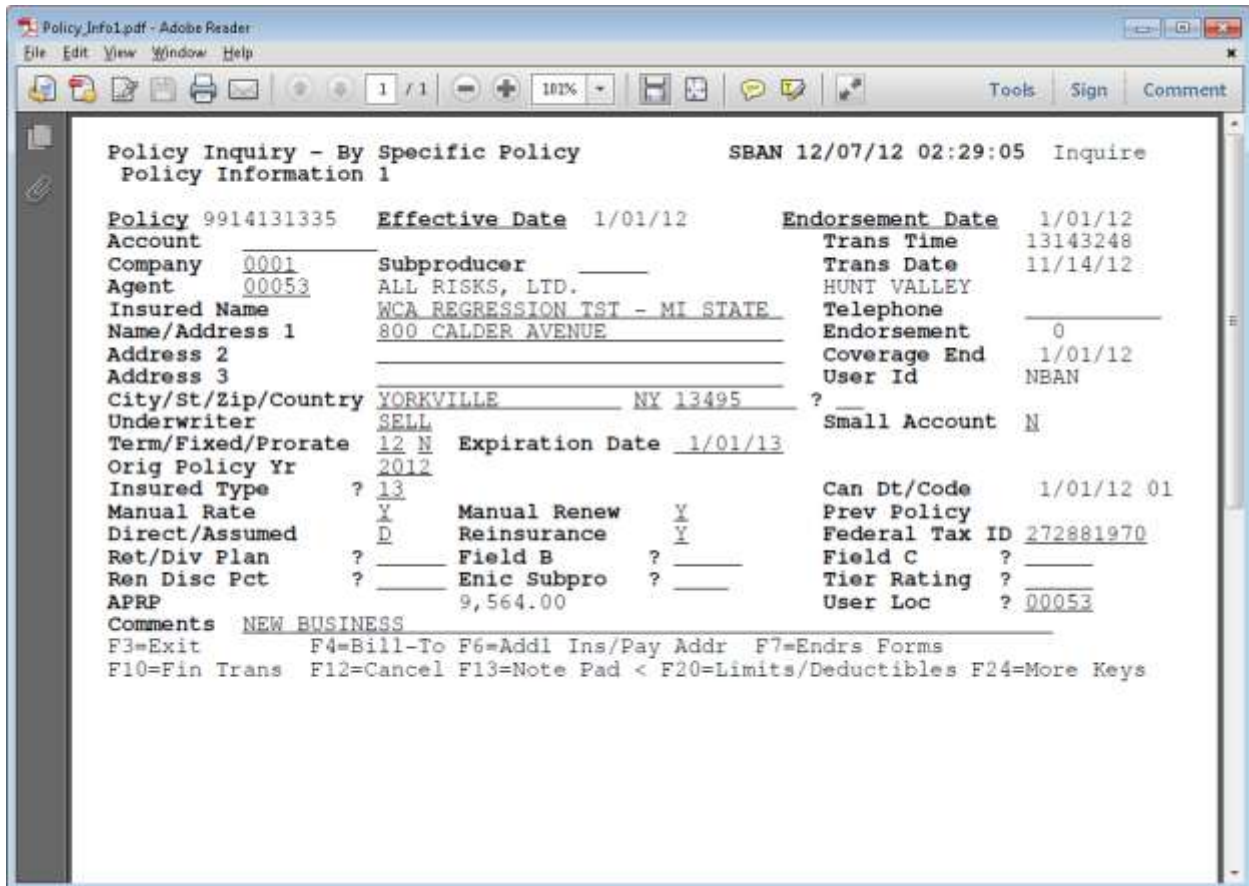
- For every test case, individual scripts are created.
- A Driver Script also is created where from all the scripts for every test case are called.

### 1.3 SAMPLE TEST CASES

Below are a few sets of Data Sheets and their corresponding screens.

- Set 1:

CaseName	InsuredName	Address1	Address2	City	State	Zip	
TESTCASE001	`WCA REGRESSION TST - MI STATE	800 CALDER AVENUE		YORKVILLE	NY	13495	
Underwriter	SmallAccount	InsuredType	ManualRate	ManualRenew	FederalTaxID	UserLoc	Comments
SELL	N	13	Y	Y	272881970	00053	New Business



- Set 2:

CaseName	ReinsProgram	SICCode	NAICSCode	BusinessSegment
TESTCASE001	CA099	0132	111110	0027

Additional Fields.pdf - Adobe Reader

File Edit View Window Help

1 / 1 100%

Tools Sign Comment

Policy Inquiry - By Specific Policy SBAN 12/07/12 02:29:05 Inquire  
 Policy Information 1

Policy 9914131335 Effective Date 1/01/12 Endorsement Date 1/01/12  
 Account \_\_\_\_\_ Trans Time 13143248  
 Company 0001 Subproducer \_\_\_\_\_ Trans Date 11/14/12  
 Agent 00053 ALL RISKS, LTD. HUNT VALLEY  
 Insured Name WCA REGRESSION TST - MI STATE Telephone \_\_\_\_\_  
 Name/Address 1 800 CALDER AVENUE Endorsement 0

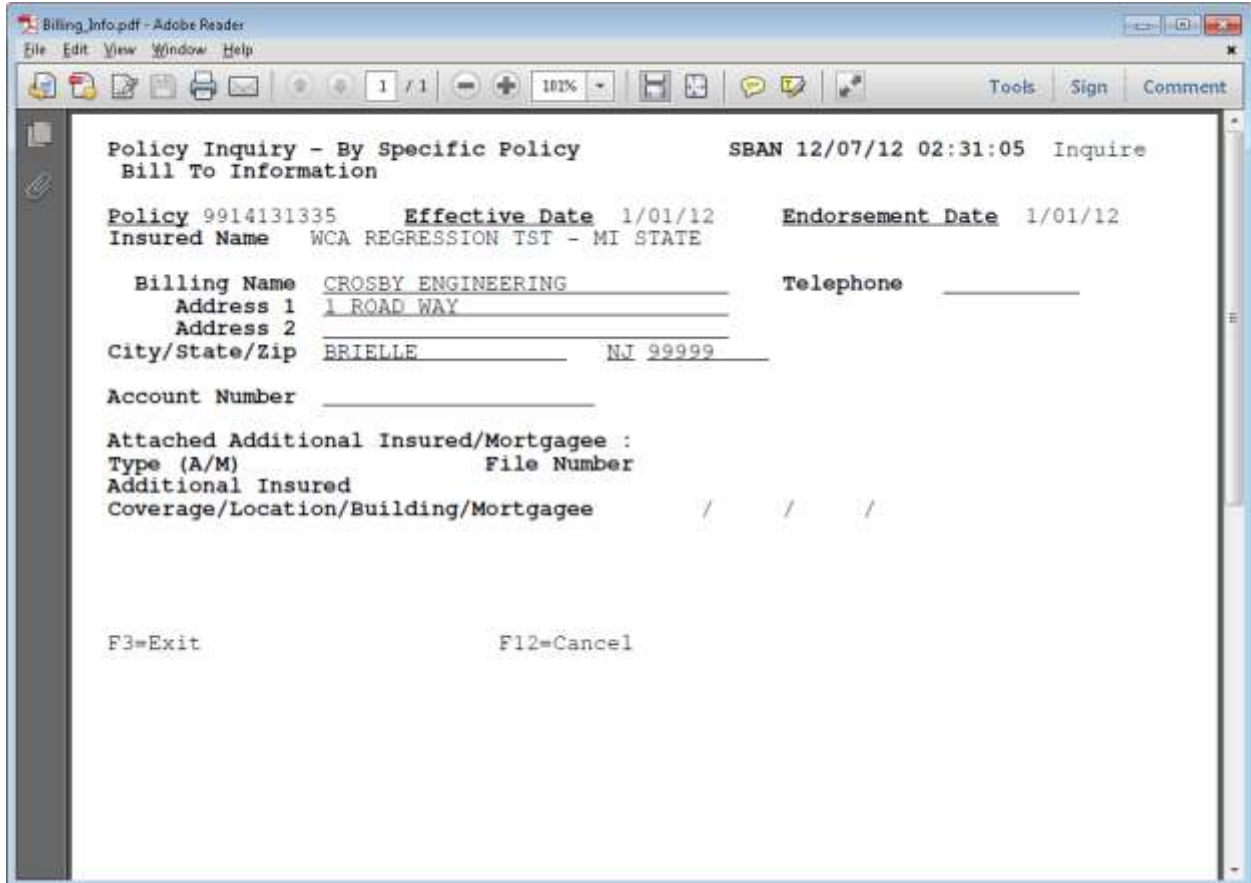
Addr 1/01/12  
 Addr BAN  
 City  
 Unde  
 Term Reins Program ? CA099 Probable Max Loss \_\_\_\_\_  
 SIC Code ? 0132 NAICS Code ? 111110  
 Orig Business Segment ? 0027 PBOA (27)  
 Insu 1/01/12 01  
 Manu  
 Dire 72881970  
 Ret/ F12=Cancel  
 Ren  
 APRP 0053

Comments NEW BUSINESS

F3=Exit F4=Bill-To F6=Addl Ins/Pay Addr F7=Endrs Forms  
 F10=Fin Trans F12=Cancel F13=Note Pad < F20=Limits/Deductibles F24=More Keys

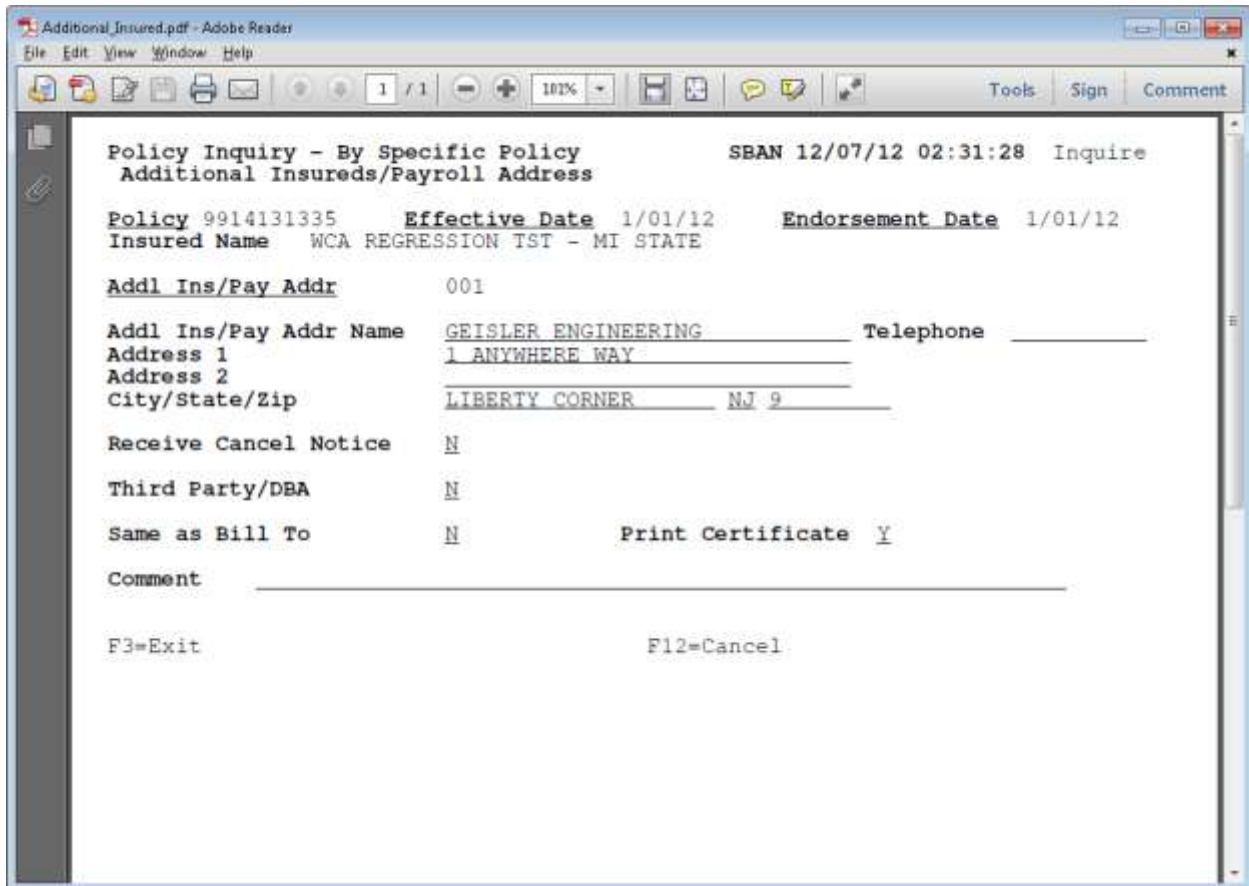
- Set 3:

CaseName	BillingName	BillingAddress1	BillingCity	BillingState	BillingZip
TESTCASE001	CROSBY ENGINEERING	1 ROAD WAY	BRIELLE	NJ	99999



- Set 4:

CaseName	AddInsPayAddr	AddInsuredName	AddInsuredAddress1	AddInsuredCity
TESTCASE001	001	GEISLER ENGINEERING	1 ANYWHERE WAY	LIBERTY CORNER
AddInsuredState	AddInsuredZip			
NJ	9			



- Set 5:

CaseName	ENICRecordNumber	DateReceived	ComercialAutoFEIN
TESTCASE001	0000000249		

