

# The Warranty Group Experiences implementing CA 2E and Web Option application

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Stream/Track



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- The Warranty Group will present their experiences implementing a large scale browser-based warranty management system using CA 2E and WebOption. Topics will include technology selection, technical challenges and solutions, and lessons learned.

# Agenda

- Technology Selection
- Technical Challenges
- Solutions
- Lessons Learned



**2E/PLEX**

[plex2e.com](http://plex2e.com)

2013 WORLDWIDE DEVELOPER CONFERENCE

# Technology Selection: Why choose WebOption over other products?

- Integrated with CA 2E, Configurable relationship to 2E model values
- Global level settings generate the HTML from 2E DDS/screens
- Generated HTML includes model and function details and DDS formats
- Markup language Generator uses Web Option default settings and can be customized for Java Scripts, Java applet calls, CSS, etc.
- Ultimately quicker implementation and on-going maintenance!



# Technical Challenges – Can these features be done using WebOption?

- Global CSS Setup
- Drop downs for subfile Select options
- URLs for Menu options and Function Keys
- Radio buttons for filtering screen data displays
- Auto complete SQL Searches
- Soft coded function keys and subfile options
- Icons/images for function calls
- Error message pop-up windows

# Technical Challenges – Can these features be done using WebOption? Continued...

- Quick Exit
- Browser Back button warning message

YES to all of the above... let's review the solutions!

# Login – Default login skeleton page with minimal changes

**Billing Manager**

**Development**

**Sign on to WARIDV**

**System: WARIDV**

User ID:

Password:

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# Main Application Menu



## Billing Manager

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Brazil VSC

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### TWG Systems Main Menu

BMSYS01 HSME0101 MRSRMR 1:22:53

Select one of the following:

1. [Maintenance Menu](#)
2. [Interface Menu](#)
3. [Inquiry Menu](#)
4. [Report Menu](#)

#### Other Menus

10. [Administrator Menu](#)
20. [Corporate Finance Main Menu](#)
30. [Local Finance Main Menu](#)
40. [Business Analyst Main Menu](#)
50. [Operational Main Menu](#)
60. [Event Registry](#)
99. [Exit](#)

Submit

F3=Exit

F6=Messages

F8=ChangeBusiness

F10=Command

F12=PrevMenu

F14=SubmittedJobs

F15=Spool Files

F17=Writers


F18=Multi Jobs

F19=Jump

F24=Toggle View



# AR – Hiding zero balance clients

the warranty group

**Billing Manager**DevelopmentBrazil VSC















**Accounts Receivable**[User Manual](#)[Signoff](#)

**Work with Clients, Payees and Balance**BMCPB121 MRSRMR 2013/11/11 5:39:36

Client ID:

Client Name:


Clients with Zero Balance are ☒ HIDDEN ☐ SHOWN

	Client	Total AR	Invoiced	Un-Invoiced	ETT	Aged Balance	
Action ▾	CLI-4-210 TMKT HAYASA NITEROI	24,228.95	19,311.89	4,617.06	300.00	19,611.89	 
Action ▾	CLI-4-64 HAYASA NITEROI	30,704.09	17,361.41	13,542.68	200.00-	17,161.41	 
Action ▾	CLI-4-33 AUTOCAMPO	18,618.98	9,450.20	9,168.78	.00	9,450.20	 
Action ▾	CLI-4-184 TMKT RIO TOKIO RECREIO	11,767.74	8,789.74	3,078.00	100.00-	8,689.74	
Action ▾	CLI-4-185 TMKT NARITA	6,056.00	6,156.00	.00	100.00-	6,056.00	
Action ▾	CLI-4-449 TMKT NORTE VEL	5,422.42	4,301.54	1,120.88	.00	4,301.54	
Action ▾	CLI-4-336 CAIUAS INDAIATUBA	11,659.01	3,754.59	7,904.42	.00	3,754.59	
Action ▾	CLI-4-238 SAMPA MOTORS LTDA	6,915.57	3,293.47	3,622.10	.00	3,293.47	
Action ▾	CLI-4-42 BENI CAR - RIO PRETO	2,762.54	2,762.54	.00	.00	2,762.54	
Action ▾	CLI-4-86 NARITA	2,125.98	2,125.98	.00	.00	2,125.98	
Action ▾	CLI-4-34 AUTO JAPAN	1,982.20	1,706.22	275.98	.00	1,706.22	

Submit F3=Exit F9=Show/Hide Zero Balances F10=Bank Deposits Page Down Page Up

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# AR – Showing all clients

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**Work with Clients, Payees and Balance**

BMCPB121 MRSRMR 2013/11/11 5:52:20

Client ID:

Client Name:

Clients with Zero Balance are ☐ HIDDEN ☒ SHOWN

	Client	Total AR	Invoiced	Un-Invoiced	ETT	Aged Balance	
Action <input type="button" value="v"/>	CLI-4-92 ORIENTAL	275.98	275.98	.00	.00	275.98	
Action <input type="button" value="v"/>	CLI-4-55 FLORA	551.93	275.95	275.98	.00	275.95	
Action <input type="button" value="v"/>	CLI-4-119 ANDRE RIBEIRO SANTO ANDRE	253.05	253.05	.00	.00	253.05	
Action <input type="button" value="v"/>	CLI-3-1 LOJAS MIG Co 3 ch2	13,918.02	106.29	13,711.73	100.00	206.29	
Action <input type="button" value="v"/>	CLI-3-2764 CYBELAR	267.67	173.17	94.50	.00	173.17	
Action <input type="button" value="v"/>	CLI-4-98 RIO TOKIO RECREIO	123.16	123.16	.00	.00	123.16	
Action <input type="button" value="v"/>	CLI-3-15 MIG 014 Ituiutaba	100.00	.00	.00	100.00	100.00	
Action <input type="button" value="v"/>	CLI-3-2 MIG 001 Uberlândia T Vilela	64.98	.00	.00	64.98	64.98	
Action <input type="button" value="v"/>	CLI-3-2776 FIC CBD	200.72	60.00	140.72	.00	60.00	
Action <input type="button" value="v"/>	CLI-3-4314 0057- 0206	.00	.00	.00	.00	.00	
Action <input type="button" value="v"/>	CLI-4-724 1	.00	.00	.00	.00	.00	


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# AR – Subfile options

Can't capture the screen print

May be live application???

# Quick Exit – Sign off warning window


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**Work with Clients, Payees and Balance**BMCPB121 MRSRMR 2013/11/11 5:52:20

Client ID:










Client Name:



Clients with Zero Balance are

☐ HIDDEN ☒ SHOWN

	Client	Total AR	Invoiced	Un-Invoiced	ETT	Aged Balance	
Action	CLI-4-92 ORIENTAL			.00	.00	275.98	
Action	CLI-4-55 FLORA			275.98	.00	275.95	
Action	CLI-4-119 ANDRE RIBEIRO SANTO AND			.00	.00	253.05	
Action	CLI-3-1 LOJAS MIG Co 3 ch2	13,918.02	106.29	13,711.73	100.00	206.29	
Action	CLI-3-2764 CYBELAR	267.67	173.17	94.50	.00	173.17	
Action	CLI-4-98 RIO TOKIO RECREIO	123.16	123.16	.00	.00	123.16	
Action	CLI-3-15 MIG 014 Ituiutaba	100.00	.00	.00	100.00	100.00	
Action	CLI-3-2 MIG 001 Uberlândia T Vilela	64.98	.00	.00	64.98	64.98	
Action	CLI-3-2776 FIC CBD	200.72	60.00	140.72	.00	60.00	
Action	CLI-3-4314 0057- 0206	.00	.00	.00	.00	.00	
Action	CLI-4-724 1	.00	.00	.00	.00	.00	

Confirm Signoff

Are you sure you want to exit this application?

Cancel

Sign Off

Submit

F3=Exit

F9=Show/Hide Zero Balances

F10=Bank Deposits

Page Down

Page Up

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Add some technical screens here

# Lessons Learned

- Standards matters, specially for subfile select options and function keys
- Messages
- Global CSS should be tested for all screen sizes
- Colum headers can't be constants, it should be setup at the field level
- Can't use HTML/ reserved key words
- Windows are not working but CA is reviewing it and looking into resolving it.

# Summary

- Good option to modernize green screens to GUI browser based application without changing the core application logic.
- Quicker implementation and on-going maintenance.
- Standards matters!
- We received training from CM First and developed this solution with their consulting services.
- Give it a try!

# Q&A





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