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Dear Customer,

In order to continue to provide outstanding world class service and support on the products we host or provide for you, and to meet any SLA as specified by the customer or by our own SLA standards and policies, the following information is being communicated to you to inform you of some upcoming changes that may or may not affect your company. This information should be communicated to the appropriate persons of your company / department to determine if any action is necessary so that we together can avoid any downtime due to our DNS, IP, and Data Center changes.

If you have any questions or concerns about this network maintenance advisement, please contact Abacus Business Solutions Customer Solutions Group at **(727) 524-0177** and choose **option 3**, then choose **1 for point of sale** or **2 for programming**.

Summary of Changes:

Notification Date: 3/5/2009

Primary Effective Date: 3/27/2009

Overview Reason: Migrating our Primary & Backup Internet Connectivity, Internet Addresses & DNS Servers to a 2nd High Density Data Center.

Risk Level: High

AlohaEnterprise.com \ Aloha Insight Software			
Old		New:	
IP Address:	63.209.39.167	IP Address:	206.123.121.90
Web Address:	webfarm.alohaenterprsie.com	Web Address:	webfarm.alohaenterprsie.com
	esinst.alohaenterprise.com		
	download.alohaenterprise.com		
IP Address:	63.209.39.219	IP Address:	206.123.121.70
Web Address:	ftpfarm.alohaenterprise.com	Web Address:	ftpfarm.alohaenterprise.com
	ftp.alohaenterprise.com		ftp.alohaenterprise.com
	ftp1.alohaenterprise.com		ftp1.alohaenterprise.com
	ftp2.alohaenterprise.com		ftp2.alohaenterprise.com
IP Address:	63.209.39.212	IP Address:	206.123.121.89
Web Address:	download1.alohaenterprise.com	Web Address:	download1.alohaenterprise.com
	download2.alohaenterprise.com		download2.alohaenterprise.com

Aloha eCard \ Aloha Stored Value			
IP Address:	63.209.39.171	IP Address:	206.123.121.91
Web Address:	eCard.alohaenterprise.com	Web Address:	eCard.alohaenterprise.com

Aloha eCard \ Aloha Stored Value Terminal Edition \ Entertainment Software			
IP Address:	63.209.39.172	IP Address:	206.123.121.93
Web Address:	ECRemote.alohaenterprise.com	Web Address:	ECRemote.alohaenterprise.com

Aloha eFrequency \ Aloha Loyalty			
IP Address:	63.209.39.165	IP Address:	206.123.121.92
Web Address:	eFreq.alohaenterprise.com	Web Address:	eFreq.alohaenterprise.com

Aloha Replication (Add, but DO NOT CHANGE Until Coordinated with Radiant Systems or loss of Replicated Data will be the Result)			
IP Address:	63.209.39.162:1433 (or any other IP with Port in Use)	IP Address:	206.123.121.4

Existing General Firewall / Router Requirements for Aloha Enterprise.com Services

As we continue to strive to serve you better, we have expanded to a second data center with new equipment and new IP ranges. Depending on firewall configuration you may need to add the following addresses/IPs to your router to allow access to the following sites commonly used by our polling/eCard/eFrequency applications. You will want to configure your router/firewall to allow the necessary services for your application.

Enterprise Reports Range (Overall Range)

**Note: All Enterprise.com Services Use TCP Ports **	
63.209.39.161 thru 175	Existing
63.209.39.209 thru 223	Existing
63.209.48.160 thru 174	Existing
4.78.224.112 thru 127	Existing
4.78.224.192 thru 207	Existing
4.71.169.64 thru 127	Existing
206.123.121.2 thru 126	*NEW DC*

Enterprise Reports Range (Detailed)

Standard Web Ports:

You must allow the site to access ports 80 and 8080 for most products such as eCards or eFrequency. Access to any *.alohaenterprise.com website will require ports 80 and 8080 to be opened as well. You may also want to allow the webfarm.alohaenterprise.com routing IP of **206.123.121.90** (Old Address was 63.209.39.167)

Aloha Enterprise.com \ Aloha Insight \ Polling (Download)

DL Farm:		
	Download.alohaenterprise.com	
	Routes to 63.109.39.167	NEW IP = 206.123.121.90
	Download1.alohaenterprise.com	
	Routes to 63.209.39.212	NEW IP = 206.123.121.89
	Download2.alohaenterprise.com	
	Routes to 63.209.39.212	NEW IP = 206.123.121.89
Ports:	20, 21	
Programs:	AlohaFTP.exe and/or Alohas.exe via FTP port 21 (TCP only, Not UDP) using Passive (PASV) FTP Mode	

Aloha Enterprise.com \ Aloha Insight \ Polling (Import)

Farm:	Routes to 63.209.39.219	NEW IP = 206.123.121.70
	FTPFarm.alohaenterprise.com	
	ftp.alohaenterprise.com	
	ftp1.alohaenterprise.com	
	ftp2.alohaenterprise.com	
Ports:	20, 21	
Programs:	AlohaFTP.exe and/or Alohas.exe via FTP port 21 (TCP only, Not UDP) using Passive (PASV) FTP Mode	

Aloha Enterprise \ Insight Archive Service for BOH Archive

Farm:	Routes to 206.123.121.71	NO CHANGE REQUIRED
	Archive.alohaenterprise.com	
Ports:	20, 21	
Programs:	AlohaFTP.exe and/or Alohas.exe via FTP port 21 (TCP only, Not UDP) using Passive (PASV) FTP Mode	

Aloha Enterprise.com \ Aloha Insight \ Polling (Replication)

Farm:	Routes to 63.209.39.162	NEW IP = 206.123.121.4
Ports:	1433	
Programs:	See Additional Documentation for More Requirements	

Aloha eCard \ Aloha Stored Value

Farm:	Routes to 63.209.39.171	NEW IP = 206.123.121.91
	vbo.alohaenterprise.com	
	ecard.alohaenterprise.com	
Ports:	80, 8080, 8084	
Programs:	VBODiag.exe, ATDDB.exe, GCLegacy.exe, VBOConnect.exe require access to ports 80, 8080, and 8084	

Aloha eCard \ Aloha Stored Value Version G2

Farm:	Routes to 4.78.224.122	NEW IP =206.123.121.94
	ecardG2.alohaenterprise.com	
Ports:	80,8080, 8095	
Programs:	Radiant Systems Virtual Back Office Service, Vbo.exe	

Aloha ECRemote \ Entertainment

Farm:	Routes to 63.209.39.167	NEW IP =206.123.121.93
	ECRemote.alohaenterprise.com	
Ports:	9099	
Programs:	NA	

Aloha eFrequency \ Aloha Loyalty

Farm:	Routes to 63.209.39.165	NEW IP =206.123.121.92
	efreq.alohaenterprise.com	
Ports:	9099, 9999	
Programs:	Redirector.exe, VBOConnect.exe require access to ports 9099, 9999	

Aloha Heartbeat / Pollcheck

Farm:	Routes to 63.209.39.167	NEW IP = 206.123.121.90
	webfarm.alohaenterprise.com	
	esinst.alohaenterprise.com	
Ports:	80, 8080	
Programs:	See Additional Documentation for More Information	

Aloha Configuration Center \ AEM (Aloha eManager)

Farm:	Routes to 4.78.224.116	NEW IP =206.123.121.72
	www.alohaemanager.com www.radiantupdate.com www.configurationcenter.com	
Ports:	80, 443	
Programs:	NA	

Aloha Command Center \ RDF (Radiant Deployment Framework)

Farm:	Routes to 206.123.121.24-26	NO CHANGE REQUIRED
	Rdf.alohaenterprise.com / 206.123.121.25 Rdf2.alohaenterprise.com / 206.123.121.24 Rdfutil.alohaenterprise.com / 206.123.121.24 weborder.alohaenterprise.com / 206.123.121.26 guestmgr.alohaenterprise.com / 206.123.121.25	
Ports:	80, 443, 444, 8080, 8081, 8090	
Programs:	RDFClient.exe	

Connectivity via Symantec PC ANYWHERE ®

IP Range	64.47.97.1 thru 64.47.97.126
Ports:	5631, 5632 (or whatever PCAnywhere ports you are using)