

A hand is shown from the bottom right, launching a white paper airplane into a bright blue sky. The airplane is in mid-flight, angled upwards and to the left. The background is a clear, vibrant blue sky with some light, wispy clouds. The overall image conveys a sense of launch, progress, and reaching new heights.

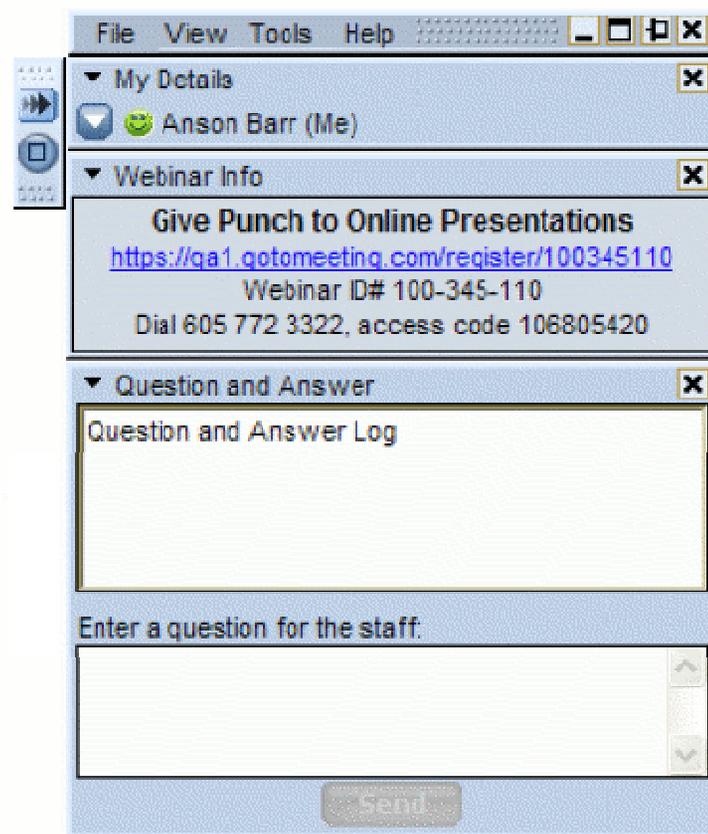
# Bring COBOL to the Cloud isCOBOL Webinar



# Housekeeping items

- Phones on mute
- Click on arrow to open or close control panel
- Q&A
  - Submit during conference via GoToWebinar Window
- Slides available at [veryant.com/cloud09webinar.php](http://veryant.com/cloud09webinar.php)

## GoToWebinar Window



# Today's speakers

- John Jackson
  - CIO, Softwrx
- Alfredo Iglesias
  - VP of Business Development, Veryant
- Edwin Sosa
  - Sr. Solutions Engineer, Veryant

# What is this Cloud?

“**Cloud computing** is a paradigm of computing in which dynamically scalable and often virtualized resources are provided as a service over the Internet. Users need not have knowledge of, expertise in, or control over the technology infrastructure in the "cloud" that supports them.”

WIKIPEDIA

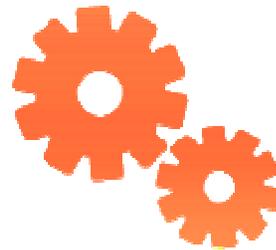
- Potential benefits
  - Agility and on-demand access (with control)
  - Lower costs
  - Better resource utilization

# isCOBOL introduced



## Develop

Current COBOL programs and practices



## Compile

COBOL compiled to pure Java source; JDK compiles output



## Deploy

100% Java output (byte code objects)

isCOBOL is a complete development, maintenance, deployment, and modernization platform for COBOL

# New product introductions

## isCOBOL APS 2009 SP1

- isCOBOL Web Direct 2.0
  - Develop and deploy universally accessible zero client rich Internet applications (RIAs)
  - Requires no Object Oriented or Web programming
- isCOBOL SQL Server
  - Adds a high performance SQL interface to isCOBOL ISAM Server files
  - Requires no change to source code or file structures; no data migration is required

# Audience poll

## How are you currently distributing applications?

- On the desktop
- Distributed across the network
- Using a thin client
- Using Web access (HTML front end)
- Under a SaaS (ASP) model

Select all options that apply

# Our topics

- Softwrx's experiences
- isCOBOL demonstrations
- isCOBOL overview
- Special offer

# isCOBOL Customer Experience

The word "SOFTWARE" in a bold, sans-serif font. The letter "O" is stylized with three vertical lines of varying heights passing through it, resembling a barcode or a data stream. The letters "S", "F", "T", "W", "R", and "X" are in a dark grey color, while the letter "E" is in a light blue color.

# Introduction

- Financial accounting software provider founded in 1982
  - Specializing in enterprise POS systems and wholesale distribution
- COBOL history
  - Originally developed in RM/Cobol
  - Moved to ACUCOBOL-GT in early 90's
- Converted from character based UNIX platform in the 90's to a Windows-client system and Novell

# isCOBOL appeal

- Support and team camaraderie
- Strong compatibility with current COBOL
- Flexible, numerous distribution options
  - True cross-platform deployment with single code base
- Market expansion potential
  - Multi-language support for international offerings
- Ability to enhance look and feel
  - Graphical control support
  - Quick integration of Java NetBeans
- Lower costs / user-friendly licensing
- No disruption to current programming practices

# Migration process

- 880 COBOL programs migrated in one month
  - Implemented initially on Red Hat Linux
- Smooth data conversion
  - ISAM Vision transitioned to isCOBOL ISAM Server
- Thin client deployment implemented without a hitch
- Basic concepts of Java / JRE

# Additional isCOBOL benefits

- Grid controls and GUI advancements such as sortable columns and column relocation (drag and drop)
- Simplified print preview
- Printing to a PDF
- Client-side resource access and management
- Improved performance and hardware resource utilization
  - Multi-threaded nature of isCOBOL APS
  - Virtualization
- No re-licensing fees with platform changes

# Current status and future plans

- Initial migration completed
  - 6 sites in production
- Future plans
  - Web enablement
  - Additional language releases

# Demonstration #1

## isCOBOL Web Direct 2.0

# Demonstration # 1

- A Web 2.0 application developed in isCOBOL
- How to maintain and update such applications
- Executing this application on the desktop

# isCOBOL Web Direct 2.0

## Take COBOL applications to the cloud

- Offer your mission critical COBOL applications in a SaaS model
- No need to learn OO COBOL, JavaScript, HTML or any other Web language
- Use your current skills and isCOBOL tool set to develop Rich Internet Applications (RIAs)

# Demonstration #2

## isCOBOL SQL Server

# Demonstration # 2

- Register ISAM files with isCOBOL SQL Server
- Use isCOBOL SQL Explorer
- Access ISAM files from ODBC applications (i.e. Excel)
- Implement advanced RDBMS features (i.e. triggers)
- Leverage interactive SQL for command line reporting and queries

# isCOBOL SQL Server

## Powerful RDBMS Engine for ISAM data

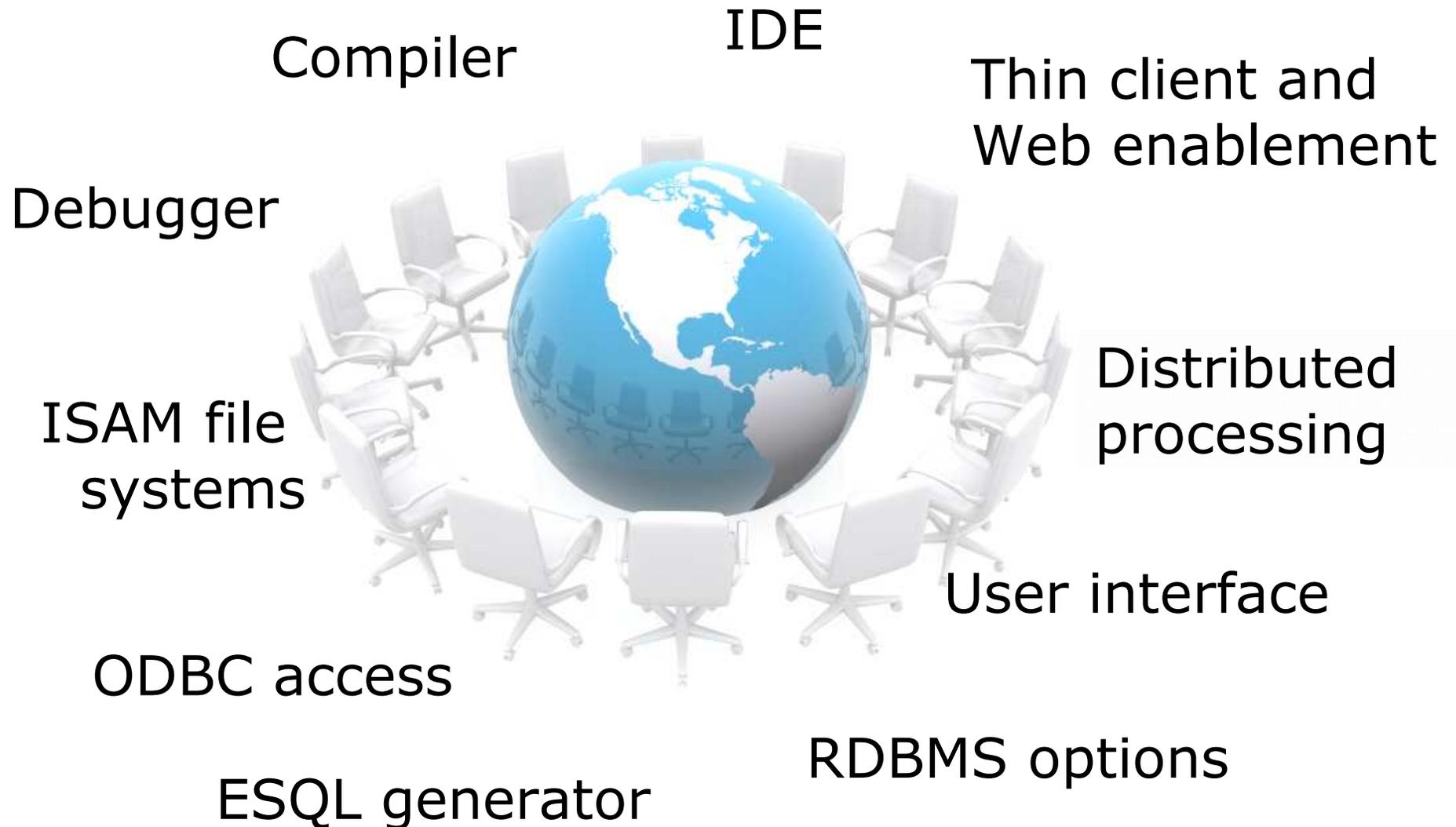
- Unique product offering
- No need for data migration or code changes
- Best of both worlds: RDBMS and ISAM

# Product comparison

	Competing ISAM management tool	isCOBOL SQL Server
Vendor description	Includes ISAM data files into a relational database-like environment	Powerful RDBMS engine and comprehensive SQL interface to ISAM files
Storing executable code with data	No	Yes (user defined functions, stored procedures, triggers)
GUI database management tool	No	Yes
GUI user management tool	No	Yes
ADO.NET driver	No	Yes
ODBC & JDBC drivers	Yes	Yes
Command line SQL and reporting tool	Yes	Yes – extended functionality (perform ad-hoc queries, report formats)

# isCOBOL Overview

# isCOBOL Application Platform Suite (isCOBOL APS)



# Additional enhancements

## isCOBOL 2009 SP1 release

- isCOBOL IDE
  - Graphically create select statements and FD and SL copyfiles File Designer
  - New import Screen Program/Project wizard
- Hardware dumb terminals and terminal emulator support
- Full support for POINTERS
- isCOBOL ISAM Server Java client connector
- Configurable defaults for the DATE-ENTRY control DISPLAY-FORMAT property and format styles

# Limited time offer\*

## Free isCOBOL Web Direct 2.0 analysis

- Review of your existing GUI applications to show how they can move to isCOBOL Web Direct 2.0.
- How to get started?
  - If new to isCOBOL - complete an application survey form
    - Visit <http://www.veryant.com/support/register.php> to register and let us know you are interested in the Additional Comments field.
  - Existing customers contact your Veryant representative or reseller

*\*Through end of 2009.*

# Thank you for attending!

- Brief survey will following this session
- Address additional information and questions to [info@veryant.com](mailto:info@veryant.com)
- Stay informed!
  - Visit <http://www.veryant.com/signup.php> to join the Veryant Community

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**Thank You!**  
isCOBOL Webinar:  
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