



PROCESS.  
SOLUTIONS.  
ASSURANCE.



# DATA MIGRATION

“Live Migration” from 1.9 to v2  
(WACS or On-Premise)

## Discussion Points

- **Introduction – What have we been up to?**
- **WAM / WACS Implementation Challenges**
- **What is “Live Migration”**
- **Live Demo**
- **Q & A**

## Process Solutions Assurance, LLC (PSA)

- Founded in 2010
- 20+ years in Utility Application Systems (EAM/CMMS, CIS, Mobility)
- WAM User Group Leader
- 1 of 2 System Implementers to successfully implement WAM v2
- Core Competencies in Oracle Utility Applications
- Oracle Partner – Gold Level
- Certified Reliability Leader (CRL) & Certified Maintenance & Reliability Professional (CMRP)
- Developer of InField Mobility Solutions supporting WAM and other 3<sup>rd</sup> party systems
- New R&D Investment in Mobility / CMMS Solutions
- Sample Customer Listing:
  - Seminole Electric – Services & Mobile **(WACS / OUA-V) \***
  - Hillsborough County – Services & Mobile \*
  - Canfor – Mobile \*
  - City of St. Petersburg, FL – Mobile \*
  - City of St. Paul – Mobile \*
  - Metropolitan Council Environmental Services – Mobile \*
  - City & County of Honolulu – Services & Mobile \*
  - Veolia Water – Services \*
  - City of Riverside – Services \*
  - Citizens Energy Group – Services
  - City of Phoenix – Services \*
  - Pennichuck Water – Services
  - Madison Gas & Electric – **Services (WAM v2 partner with EY)**
  - Passaic Valley Sewerage Commission (PVSC) – **Services (WAM v2 partner with EMTEC) \***

\* = Active Customers

# WAM / WACS Main Implementation Activities

- **Configuration Sessions**
- **Integrations**
- **Data Conversions\***
- **Extensions**
- **Testing**
- **Training**
- **Rollout\***

# Key Decisions facing Customers Upgrading

- **Data Conversion Decisions**

- **How much history do you want to bring over?**
- **How does data need to be migrated for cost summaries and statistics to work?**
- **Data quality – is your data clean with no orphan records.**
- **Avoid being talked out of migrating all history**
- **Avoid being required to do majority of activities related to conversion**

- **Rollout Strategies**

- **Big Bang!**
  - **Challenging to support and to train all users at once**
- **Phased Rollout (By Division, Group, Facility, etc.)**
  - **Impacts Data Conversion, Training**

# What if there is a **SOLUTION** to these Decisions

- **Offering “Live Migration”**

- **No flat files or data loader files**
- **Migration of ALL 1.9 data**
- **Allows immediate use of Oracle OUA-V application (part of Oracle WACS offering)**
- **No additional technology needed**
- **Identifies data quality issues**
- **Only requirement is WAM v2 Business Objects (BO’s) are defined**
- **Flexibility in Rollout Strategies**
  - **By Division, Facility, Group, Crew, etc.**
- **Data validation reports**
- **Data created, updated, deleted from 1.9 automatically created, updated, deleted in v2**

## Who can use “Live Migration”

- **Any customer upgrading to WAM v2 / WACS**
- **PSA Implementation or non-PSA Implementation**
- **Purchased as standalone product & service from PSA**



# Live Demo



## Where is this being used

- **Passaic Valley Sewerage Commission (PVSC) – WAM Implementation**
  - 39+ Million Records
  - Records date back to 1998
  - Data sets include:
    - Resource Management
    - Maintenance Management
    - Procurement
    - Inventory Management
    - Administration
- **Seminole Electric Cooperative, Inc. (SECI) - WACS Implementation**
  - 51+ Million Records
  - Records date back to 2001
  - Data sets include:
    - Resource Management
    - Maintenance Management
    - Procurement
    - Inventory Management
    - Administration

# Q & A