

# Preparation and cutover to the MDM/R – lessons learned

Case study of Halton Hills Hydro  
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# MDMR Implementation

- Unit Testing
- SIT
- QT
- Cutover

# Unit Testing



# Unit Testing

- Test Everything!
- Test every scenario you can possibly think of
  - Use the QT scripts as a guide
  - Create scenarios based on your business processes
- Get input
  - Talk to different people in different departments – find out how they do things – might not be what you expect

# Unit Testing

- Make sure you know your current business processes
  - Document
- Start developing new business processes
  - Document everything along the way
- Test AMI to CIS, analyze the meter data, not just the MDM/R to CIS interface
- Test everything
  - Just because it worked somewhere else...

# Unit Testing

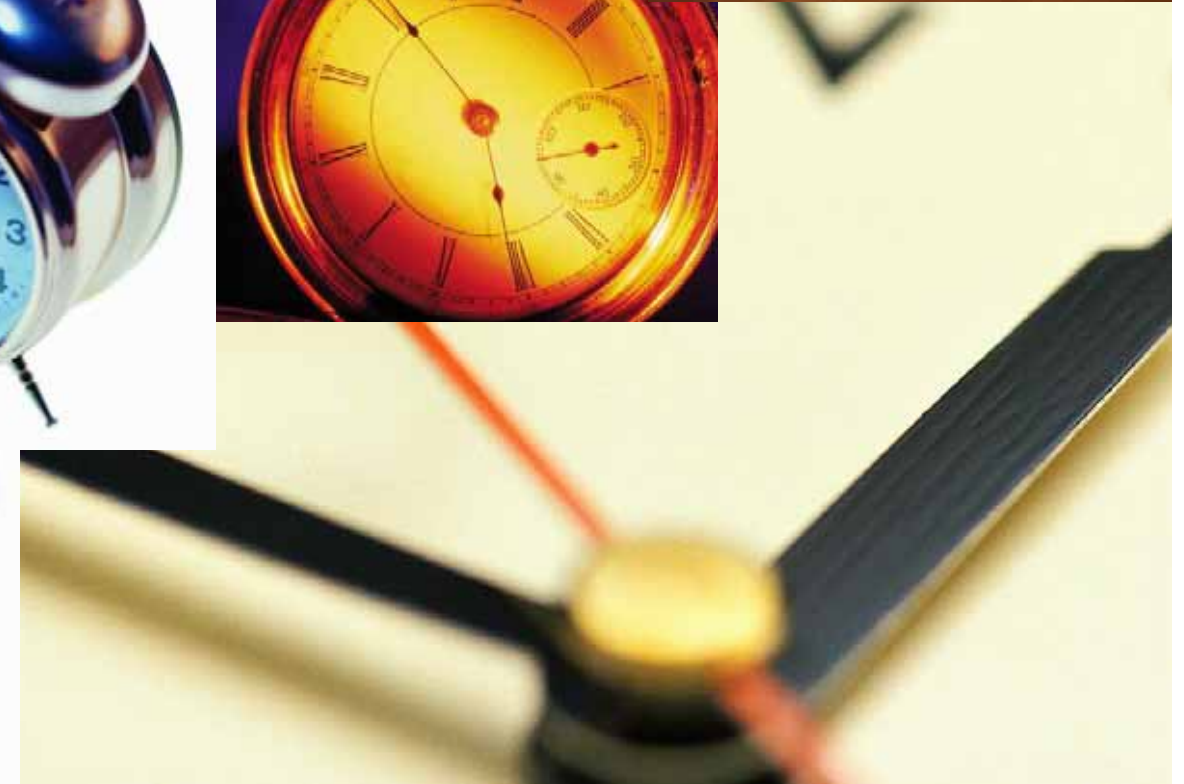
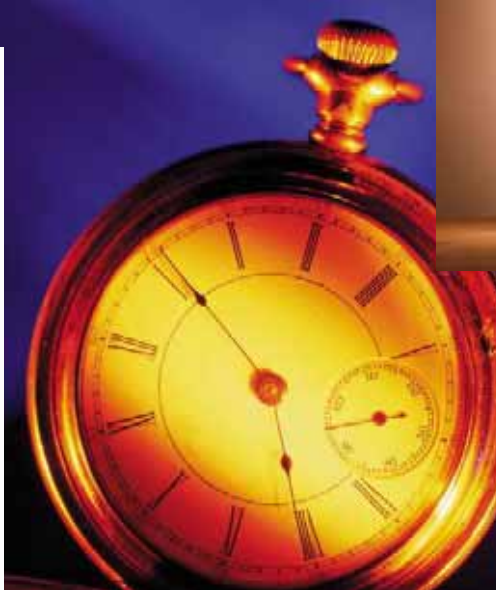
- This can be a great training opportunity
- Get others involved
- Set deadlines on certain tests – use QT schedule as a guide
- Try to mimic real life as much as possible
- Test the exception scenarios
- Document everything

# SIT



# SIT

- This is the easy part
  - Should go fairly quickly and smoothly
- Basic tests of connectivity
  - Do your files work?
- If you are the first utility with a particular AMI or CIS, you may have more challenges



# QT Testing

- This is where things get interesting!
- Make sure you are well prepared before you start
  - Have all of your test accounts determined
  - Plan which ones will go through which scenarios

# QT

- TIME – Once you enter QT, you will need a full time commitment throughout the process
- Get others involved – good training opportunity as it tries to reproduce all the major real life scenarios
- Expect the unexpected
- Add test scenarios that are relevant to your processes – everyone does things differently

# QT

- Understand the whole end to end process
  - Importance of meter data – AMI to MDM/R process – even if you don't handle it yourself
  - This is where we learned about the implications of the AMI side
  - Even with a hosted AMI, still need to understand that side of the data flow
- Most of the tests in Unit were focused on MDMR to CIS
- Learn importance of MDM/R Reports

# Cutover

## Go Slow



# Cutover

- Go slow – we chose to slowly add meters to the MDMR by cycle route
- Communicate with everyone which meters are live
- Make sure you have the business processes in place and that everyone is trained on them
- Be prepared to adjust your schedule
- Plan the timing of account cutover/billing/TOU

# Thank You

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