



WELCOME TO THE SWAN ARCHITECTURE TOOL WEBINAR

Presenter: Andrew Burrows
Chair, SWAN Architecture Workgroup
CTO and co-founder, i2O Water

October 10, 2013



Agenda

- Brief update on the Architecture Workgroup
- How to begin on a “smart water” journey –
introducing the SWAN Smart Score
 - Q&A
- Deep dive – introduction to the new Interactive Tool
 - Q&A
- Next Steps

SWAN Architecture Workgroup



Progress Update

The SWAN Architecture Workgroup has made considerable progress since our presentation at the SWAN Conference in London (May 2013):

- SWAN Smart Score
- Interactive Tool
- Utility Survey

SWAN Smart Score

- The SWAN SMART SCORE (SSS) is a high-level gauge of the relative ‘smartness’ of a utility’s network.
- A great starting point for utilities on a smart water journey: evaluate the current network as a first step to making the network smarter and more efficient.
- Free of charge, to be located on the SWAN homepage
- Developed with input from industry experts and utilities to determine the best questions and scoring weights to assess the benefit of improved visibility, control and optimization efforts.

SWAN Smart Core – Overview I

Back

SWAN SMART SCORE



Smart Water Networks



View Smart Network Details

Respondent Name*

Utility Name*

Email Address*

Job Title

Country*

1. If you had to estimate, to what degree is your water distribution network sectorised? (Layer 1)

Greater than 50% Less than 50% Not sectorised

SWAN Smart Core – Overview II

[Back](#)

SWAN SMART SCORE

Your Score:

51%

Your Percentile:

33

The SWAN Smart Score was calculated after taking industry wide considerations that water utilities face today and assigning a value to each technological effort. The SWAN architecture experts have created this formula in order to give an estimate of the "Smartness" of your network.

More importantly, detailed information on what solutions can be implemented by your organization in order to improve their SWAN Smart Score, can be found by signing up as a member below.

[Sign up!](#)

[View SWAN Solutions](#)

(Members Only)

Interactive Tool

- The SWAN interactive tool captures the many-to-many relationships between business drivers , challenges and solutions.
- Navigate via a specific business driver, challenge area or technological solution.
- The tool can then identify a set of solutions that address a particular challenge.
- Much work has been done already. We need your help to make this industry-wide repository comprehensive and reflective of all existing technologies.

Interactive Tool – Overview

THE SWAN Forum

Welcome to the new **SWAN Member Zone**! Here, you will find a new interactive tool, developed by the SWAN Forum, enabling members to identify potential solutions to network challenges and business drivers. Users may learn about individual technological components and overall solution architectures including informative case studies and benefit analyses. This Member Zone also includes the ability to engage with industry experts via the SWAN LinkedIn forum.

Choose a **topic** of interest to begin your **smart water** journey

Evaluate your Smart Water Network

Fill-out a questionnaire to learn your utility's SWAN Smart Score (SSS), a high-level gauge of the current "intelligence" of your smart water distribution network.

Evaluate

Identify your business drivers

Choose the business drivers that impact your network operations and management strategies.

Business Drivers

Understand your challenge areas

Based on your business driver responses, select from common challenges faced by utilities today.

Challenges

Explore technological solutions

Navigate through solution architecture diagrams; learn about technological components' functions, benefits, and system requirements; review relevant case studies and benefit analyses.

Solutions

Solutions



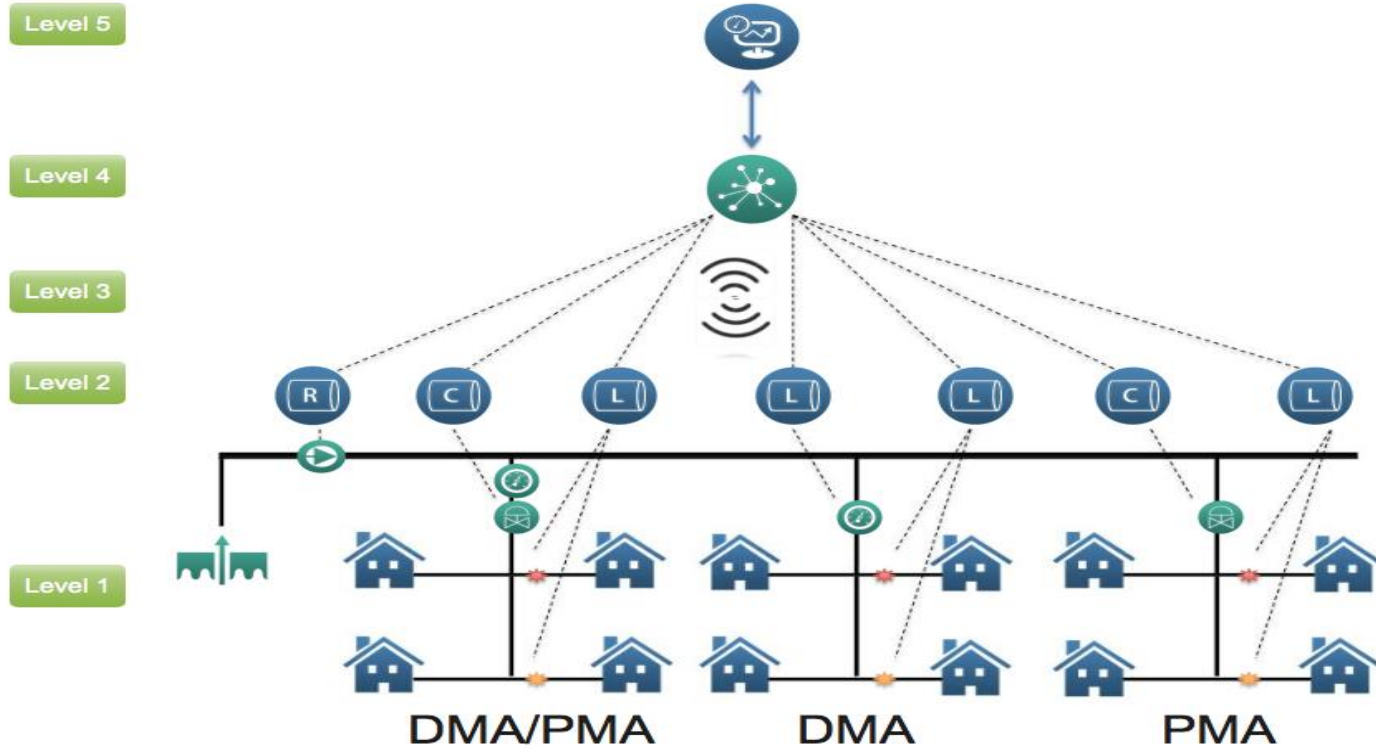
PRESSURE MANAGEMENT

Back

Case Study 1

Case Study 2

Benefit Analysis



Next Steps

In the coming months we plan to:

- Launch the SWAN Smart Score on our website
- Explore more solution areas – detailed info, architectural diagrams, benefits, case studies - in the Interactive Tool
- Share the SWAN Global Utilities survey results with members

What we need from YOU

- **Solution providers:** Share expertise on your technology: descriptions, benefit analyses, case studies
- **Utilities:** Take part in our utility survey. Utilities that are not SWAN members can get a FREE one-year membership if they fill out our survey by Oct. 15, 2013
- **Researchers, Academics, Investors:** Share your expertise with us
- **Non members: join us!**

Together We Can Make Water SmartER



Contact SWAN

Research:

Amir Cahn - amirc@swan-forum.com

Deepti Das - deepti@swan-forum.com

To Join SWAN:

info@swan-forum.com



Thank you :)