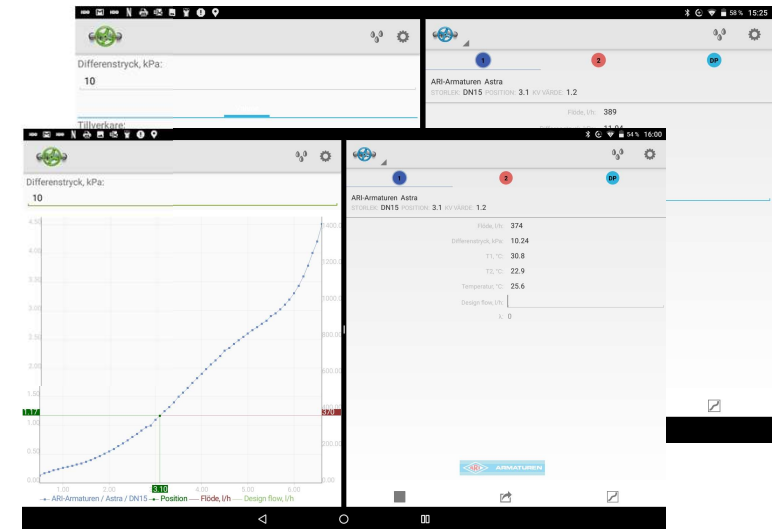# Dual sensor's - Professional Balancing

- Carrying Case
- **2 pcs Measurement Sensor**
- Charger to Sensor
- 4 pcs Measurement hoses
- 4 pcs Measurement needles
- **2 pcs DPT combined P & temperature probe**
- Allen keys
- **Industrial Smartphone**
- **Industrial Tablet**
- Charger to Smartphone & Tablet
- Manual
- USB stick with operation manuals & support program
- Calibration certificate
- **Flex 2 Balancing program (Android)**
- **Flex 4 Balancing program (Android)**
- **Flex 4 Balancing program for laptop (Windows)**
- **Project, valve, measurement & protocol program (Windows)**

Dual sensor's - Professional Balancing

- **Long Distance & Multi Sensor use**

- **Two Sensor measurement & Long Distance Log.**

- **Proportional Balancing Method**

- **A DPT, combined DP and Temperature measurement device enables two channel temperature measurement, Power and Energy measurements, flow, temperatur och DT-logg**

- **PC Suite – Balancing administration & Project creating program for Windows Operative System.**

Product Summary – Flex 4

Flex 4 – Professional Balancing Application program for Microsoft Windows Operative.

- Include all Flex 4 Android functions, Project Handling at large commissioning projects, On – Line LOG capability, Power and Energy presentation etc.

- **Multi Window** presentation of several sensors, with the sensors operated and displayed at one laptop.

- Projects are created at The PC Suite Valve Browser program and then synchronized to the Flex 4 program.

Product Summary – Split Screen & Multi Window

Long Distance & Multi Sensor use

As long as the Sensors are within the Bluetooth range two sensor can be displayed by Split Screen Multi Window at a Smartphone/tablet.
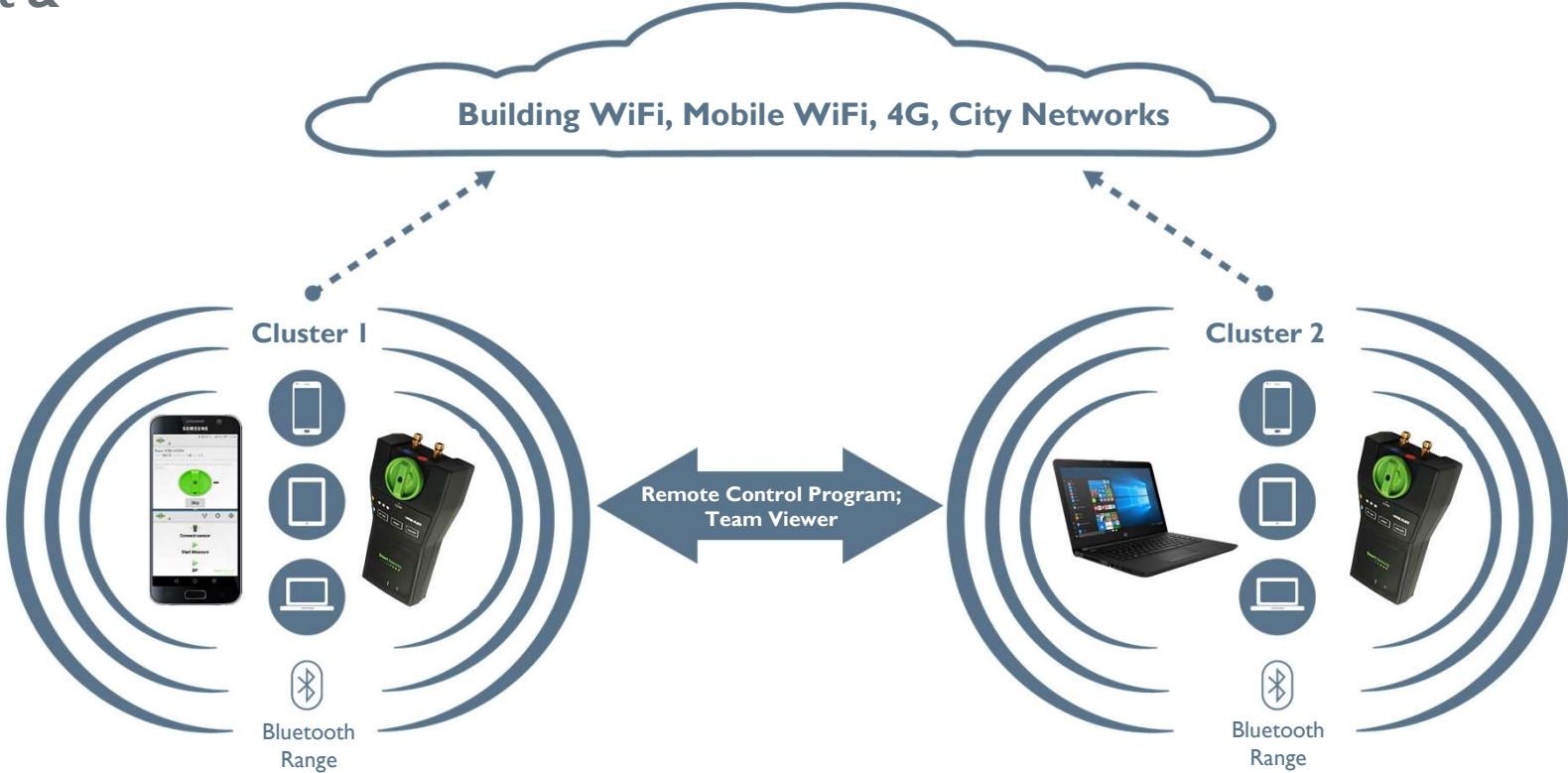
Product Summary – Two Sensor use

Two Sensor measurement & Long Distance Log.

With two terminal devices, smartphone & laptop it's possible to display both balancing valve measurements at the smartphone screen.

Over night Log at a laptop is possible to display at a smartphone over long distance.

The combined DP & Temperature device (DPT) enables Power and Energy survey's, temperature and DT Log's.

Building WiFi, Mobile WiFi, 4G, City Networks

Cluster 1

Cluster 2

Remote Control Program; Team Viewer

Bluetooth Range

Bluetooth Range

Smart Balancing

Product Summary – Two Sensor Proportional Balancing

Flow system principal drawing

Proportional Balancing Method

A two sensor setup and communication over several building levels makes commissioning faster and easier to perform.
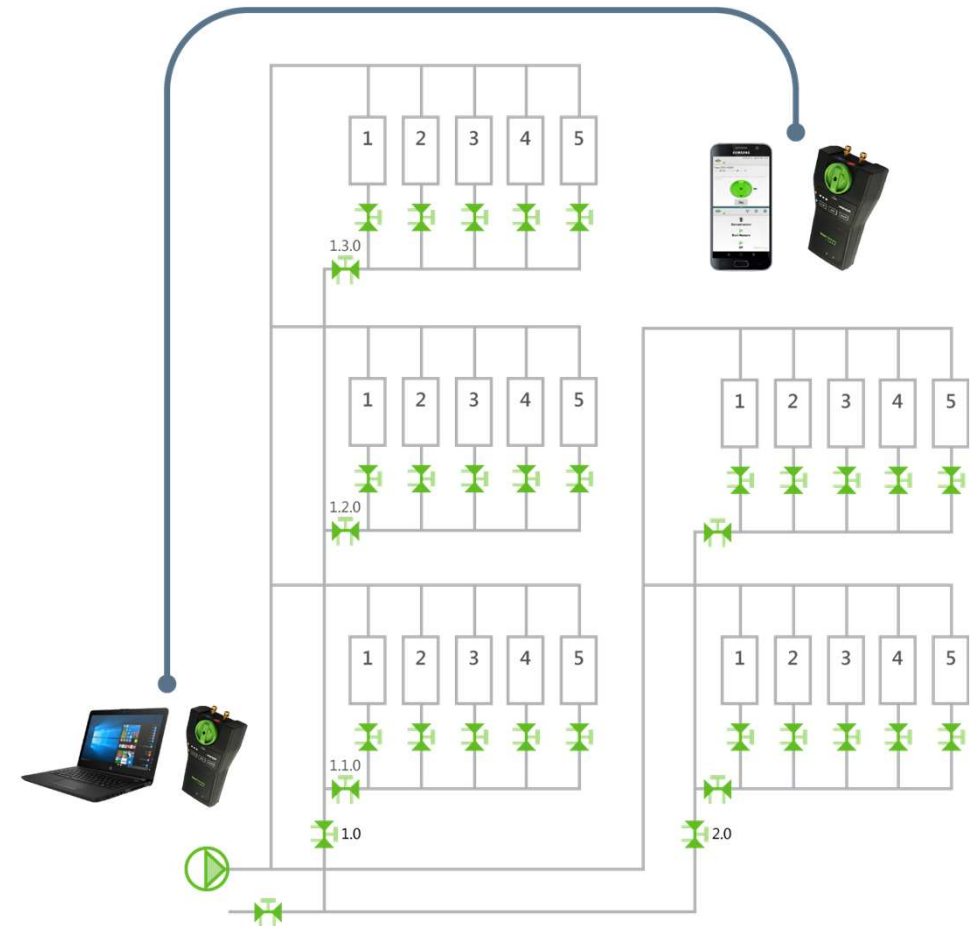
Pre-setting method

The installer sets the flow of the valves based on calculated pre-setting from the engineers. A few test measurements and adjustments are made. The hydraulic behavior of the system always deviates from designed values. Accordingly, this method will not give an optimal result.

Proportional method

All correctly working methods to balancing a system are based on the Proportional Method. All terminal units, branches and risers are balanced to the same proportion, or ratio, of designed flow. When the total flow is adjusted at the pump, all units will have the correct flow.
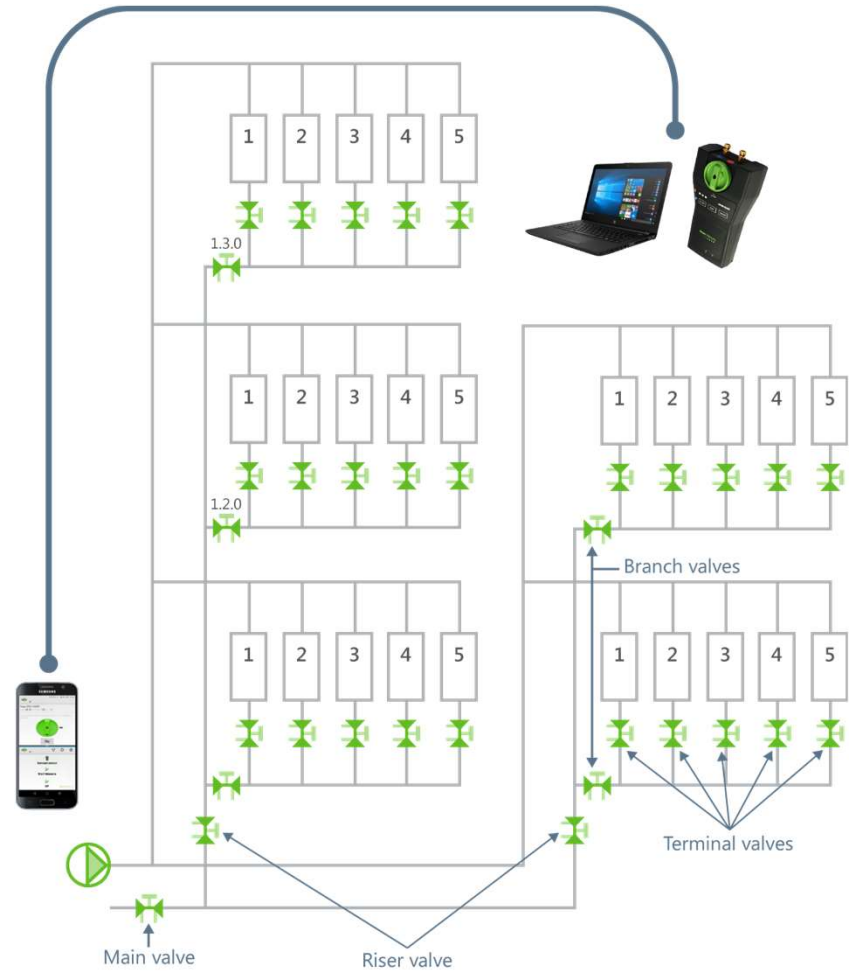
Product Summary – Long Distance Log

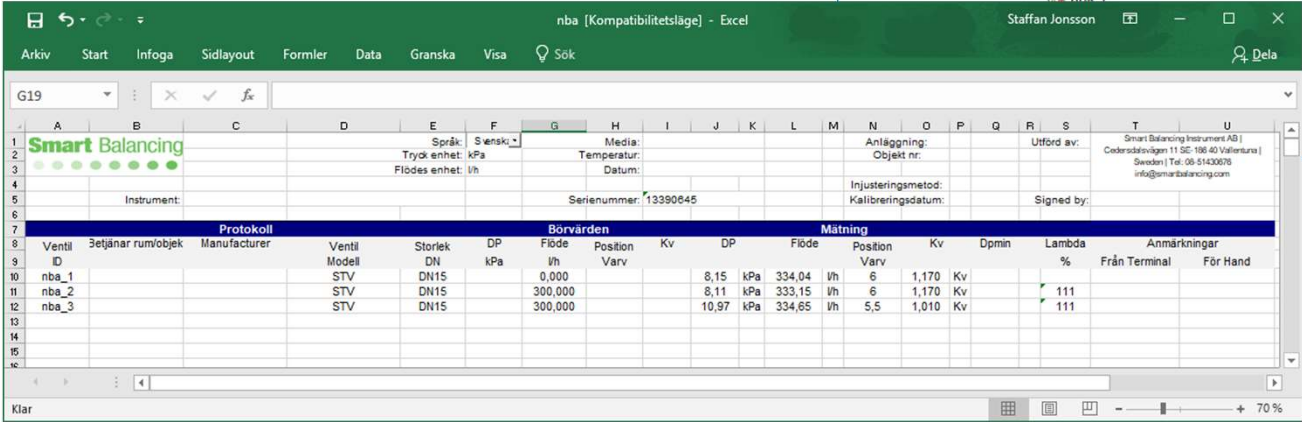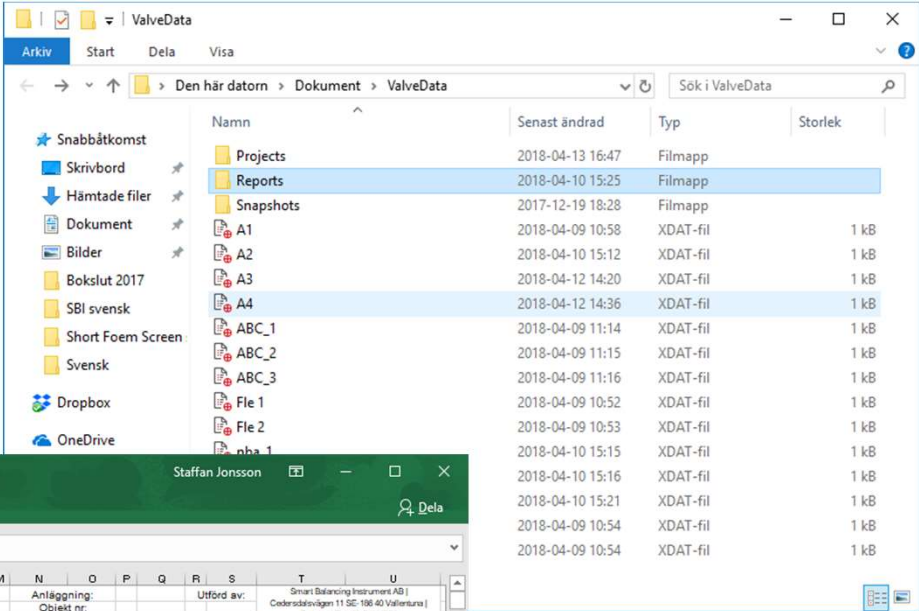Over night Log at a laptop is possible to display at a smartphone over long distance.

The combined DP & Temperature device (DPT) enables Power and Energy survey's, temperature and DT Log's.

Product Summary – PC Suite Report Viewer

PC Suite – Balancing administration program for Windows Operative System.

Projects, Reports, Snapshots and Measurement storage.

Contact

🌐
Website
www.smartbalancing.com

✉
Email
info@smartbalancing.com

📞
Phone number
+46 (0)8 514 306 76