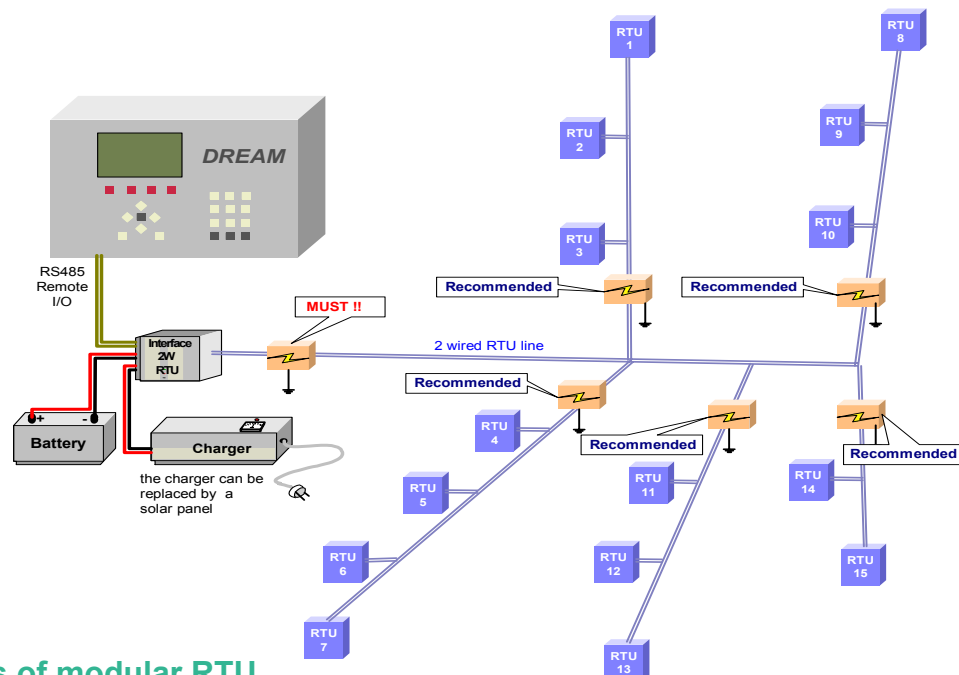


The 2 wired single cable RTU system for DREAM and UNILINER controllers

The 2 wired single cable system offers a solution for controlling highly distributed irrigation systems, utilizing **Remote Terminal Units** connected to the control unit by a single 2 wired cable. Remote valves and distant meters located in a radius of up to 8 Km can easily be reached. Being DC operated and activating energy saving latching solenoids makes it possible to be powered either by standard electric source or by solar energy. The energy to the RTUs is supplied from the center via the 2 communication wires. There are modular RTUs and compact RTUs. The modular RTU has a maximal capacity of 8 outputs and 8 digital inputs. The compact RTU offers an economical solution in places where the number of outputs and digital inputs does not exceed 2. Optionally analog inputs may be defined in place of digital ones, up to 4 in the modular unit and up to 1 in the compact. All the RTUs incorporated in a system are scanned second by second.



Features of modular RTU

- Modular structure with plug-in I/O boards
- No. of outputs -2,4,6,8
- No. of digital inputs- 4,8
- No. of analog inputs 0-4, each 2 analog replace 4 digital inputs

Features of compact RTU

- Flexible structure allocated by software
- No. of outputs – 1,2
- No. of digital inputs- 1,2
- No. of analog inputs 0,1 the analog replaces 2 digital inputs



Common features

- Up to a total of 63 units per channel
- Visual and sound signaling of statuses by LED and buzzer
- Buzzer can be turned off for energy saving purposes
- Including I/O test modes
- Scanning rate of 1 second per the whole system
- Built in lightning protection

