



// SUBMETERING

STAR[®] Network DCU II

DATA COLLECTOR UNIT

The STAR Network DCU II enhances your AMI network by providing reliable and flexible communication for electric, water, and gas meters.

The STAR Network DCU II provides fully automatic meter reading without meter readers, handhelds or expensive wiring. Powerful, narrow band meter transmitters allow the use of a single data collector without repeaters to economically read large submetering installations in developments, high-rises and other multitenant communities.

The DCU II transmits and receives data over individual 450- to 470-MHz radio frequencies. Powered by a rechargeable battery from an AC power supply, the DCU time stamps, processes, and stores diagnostic information and data collected from meter transmission units (MTUs). The DCU transmits the data for further processing to the network control computer.

Each STAR Network DCU II delivers

Reliable technology

Communicates with FCC-licensed, narrowband transceivers

Safety and security

Initiates an immediate message transfer upon receipt of an event or alarm from an MTU

Robust operation

Delivers Part 90 radio technology to transmit commands to MTUs

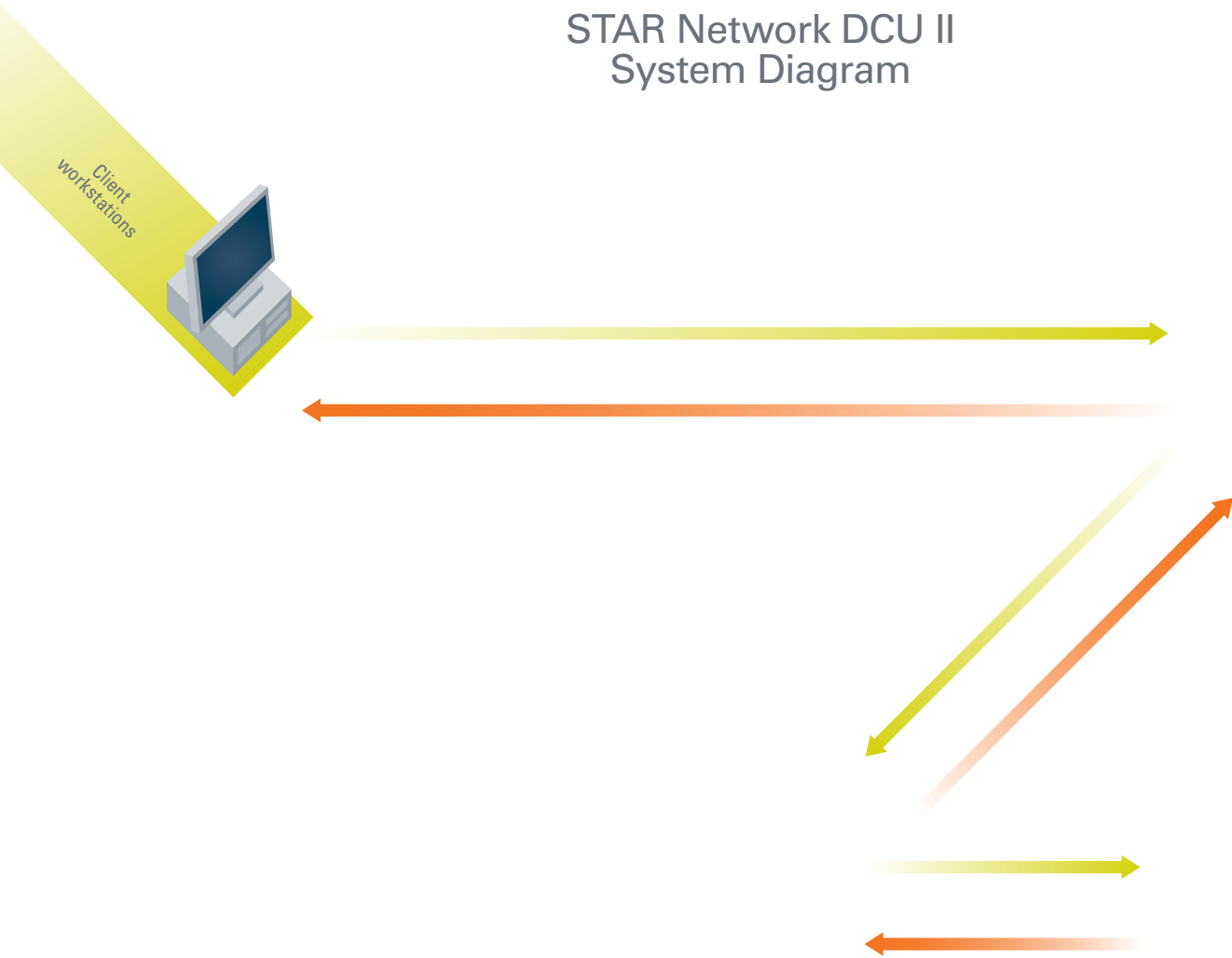
FCC compliance

Meets requirements under Part 15 and Part 90 for a Class A digital device

Backwards compatibility

Replaces older style models of the DCU

STAR Network DCU II System Diagram



Data Collector Unit (DCU) II

The DCU II collects meter reading data from STAR Network meter transmission units (MTUs) and transfers it to the NCC, providing the benefits of valuable AMI.