

# STAR® Network NCC

## NETWORK CONTROL COMPUTER

The STAR Network NCC allows customers to better manage information about accounts, meter transmitters, and data collectors. What's more, it makes it easy to transfer gas, water, and electric meter data to billing, customer service, accounting, and other applications.

The NCC database stores meter readings from the system data collectors. The data is displayed through a series of five tabs, creating a simple roadmap through the software and providing a variety of search and reporting options.



### The STAR Network NCC delivers

#### Record processing

Synchronizes records established by hand-held field programmers with the NCC

#### Alarm notification

Sends a message when an alarm is inserted in the in the database

#### Data capture

Maintains account number, meter type, meter transmission unit ID, meter serial number, and alarm parameters for all meters

#### Demand response

Supports demand parameters and interval reads for electric meters

As the system's central computer system, the network control computer (NCC) collects, validates, processes, stores, and regularly transmits meter readings gathered from the system's meter transmission units (MTUs) and data collector units (DCUs) over FCC licensed, 450- to 470-MHz radio frequencies. The NCC provides billing, customer service, accounting, and other departments with access to valuable account information.

### Manage MTU Data

- Customize this tab name to match internal naming conventions
- Search detailed MTU data on an individual unit or account basis
- Run reports on MTU readings, consumption, transmission records, maintenance, and diagnostics

The screenshot displays the ACLARA Account View interface. At the top, it shows the user 'SERVING/Actera' and the database '(SERVER2) [STARDatabase]'. The main section is titled 'Account Selection' and includes a 'Select a View' dropdown with options like Readings, Consumption, Performance, Diagnostics, Maintenance, and Transmissions. There are search filters for 'Account' and 'Search For'. Below this, account details for 'John Doe' are shown, including address and phone number. A table lists MTU units with columns for MTU ID, Part, Meter Serial ID, State, and Unit. Two charts are visible: a bar chart for 'Daily Consumption' and a 3D bar chart for 'Monthly Consumption'.

### Manage DCU Data

- Search individual unit or system DCU data by date range
- Edit DCU information
- Run DCU system reports on calls, RSSI, diagnostics, and battery voltage
- Run individual DCU reports on calls, RSSI, diagnostic messages, battery voltage, and temperature

The screenshot shows the ACLARA DCU View interface. It features a 'DCU Selection' section with search filters for 'DCU ID' and 'Search For'. Below this is a 'Call Summary View' for the date range '05/13/2008 to 05/14/2008'. The main part of the interface is a table with columns: DCU, Location, First Call, Last Call, # of Calls, Meter Call Loss, Records Generated, Records Retrieved, Deleted, and Allowed To. The table lists multiple DCU units with their respective call data and status.

## Track MTU Installations

- Track MTU installations and field programmer records
- Search database by MTU, account ID, installer, programmer, or keyword
- Run reports on installs, programmer records, missing records, and missing wake-up signals
- Create or edit wake-up and programmer records with the appropriate access rights

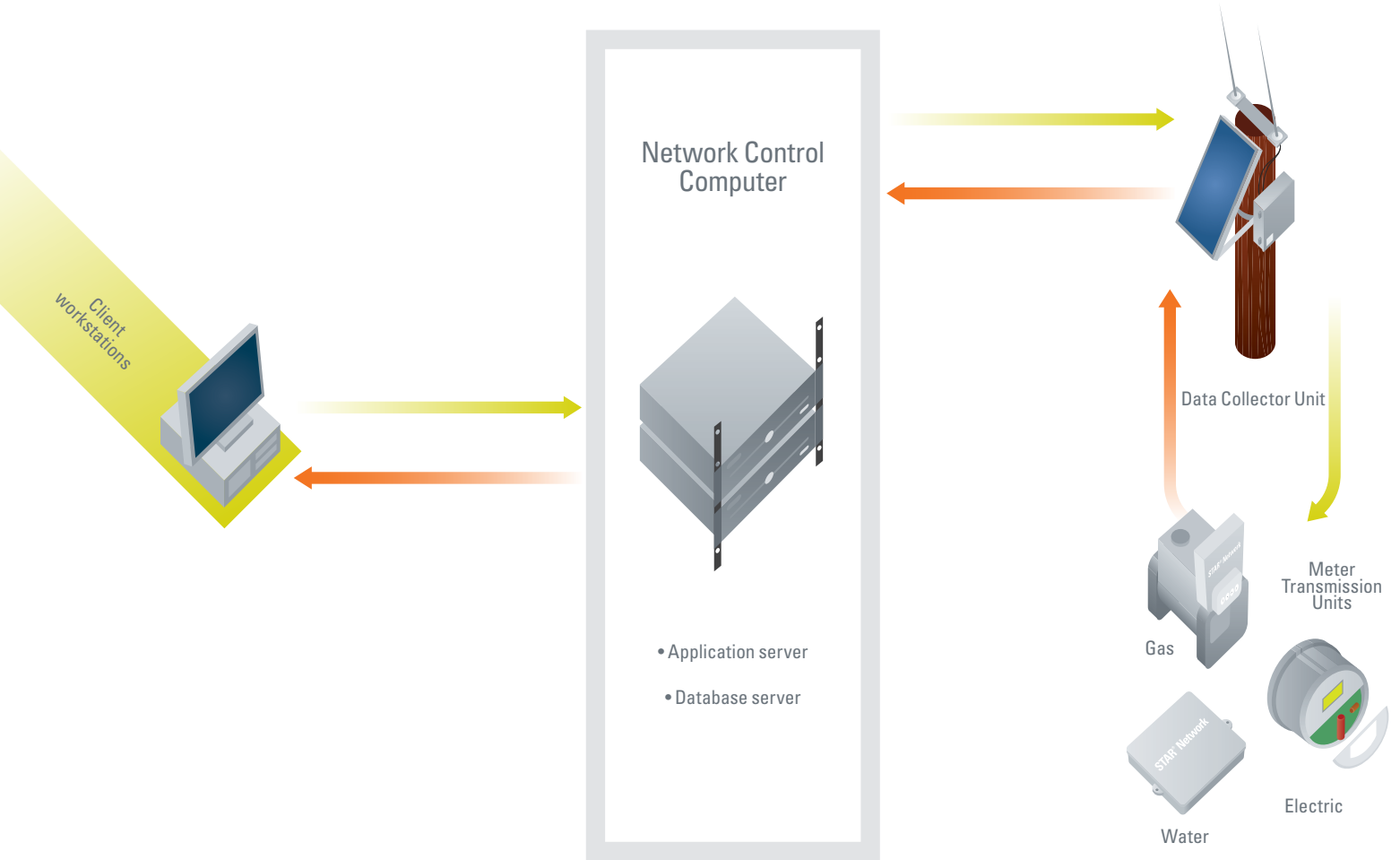
## Create and View Reports

- View existing reports or configure new ones for a selected date range
- Monitor MTUs in logical groups or by individual account number
- Edit report groups by criteria or account number

## Configure System Settings

- Configure and manage system settings
- Define user roles, utilities, alarms, meters, and archiving parameters
- Open to only those with appropriate access rights

# STAR® Network NCC System Diagram



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*For more information on the STARNetwork system and the benefits of powerful AMI, visit our website at [www.Aclara.com](http://www.Aclara.com).*