



## MTC-COM

An MTC-COM unit may be regarded as a telephone exchange or a modem selector. When the central system makes a query, the MTC-COM is the device, which establishes contact with the appropriate remote terminal unit (RTU). It is immaterial whether one RTU is connected to a dedicated connection and another to a dial-up connection; both are treated equally by the central system. Another function of the MTC-COM is to transmit alarms to personal paging devices.

### Differences between models

Function	MTC-COM 4.5	MTC-COM 5.0	MTC-COM 6.0
Maximum number of modems	4	6	6
Can use type CCC0501 modem	No	No	No
Can use type CCC0502/3 modem	Yes	Yes	No
Can use type CCD0502 modem	Yes	Yes	No
Equipped with operator card to permit local alarm acknowledgement	Yes	Yes	No
CE-marked	No	No	Yes
Requires AquaWork 2.61.11 or higher, AquaWork 2.70 or higher, AquaView or AquaNet 5.0 or higher	Yes	Yes	Yes

MTC-COM 4.5 is intended as a simple upgrade of MTC-COM version 4.0 when all of the features of MTC-COM 5.0 or 6.0 are not required.

### New features

- Up to 6 modems can be connected (applies only to MTC-COM 5.0 and 6.0).
- Different modem types can be mixed in the same MTC-COM.
- Support for event recording.

- Monitoring of central system. An alarm is generated in the absence of alarm queries when the function is activated.
- Space for 2000 alarm texts of a maximum of 50 characters each.
- Can perform automatic alarm search without awaiting order from central system. Applies to RTUs programmed in Forth.
- Status pictures in central system. Alarms to alarm search function can be acknowledged from status picture.
- New operator card with LEDs for manning situation in 4 operating areas. Extra button for acknowledgement of alarms to alarm search function (applies only to MTC-COM 4.5 and 5.0).
- The number of dial-up attempts, number of unsuccessful dial-ups and number of disconnected RTUs is recorded. The central system can collect these as reports.
- Handshaking to ensure communication with central system.
- Two serial channels can be connected to MTC-COM in multi-user system.
- Higher transmission speed between MTC-COM and central system.