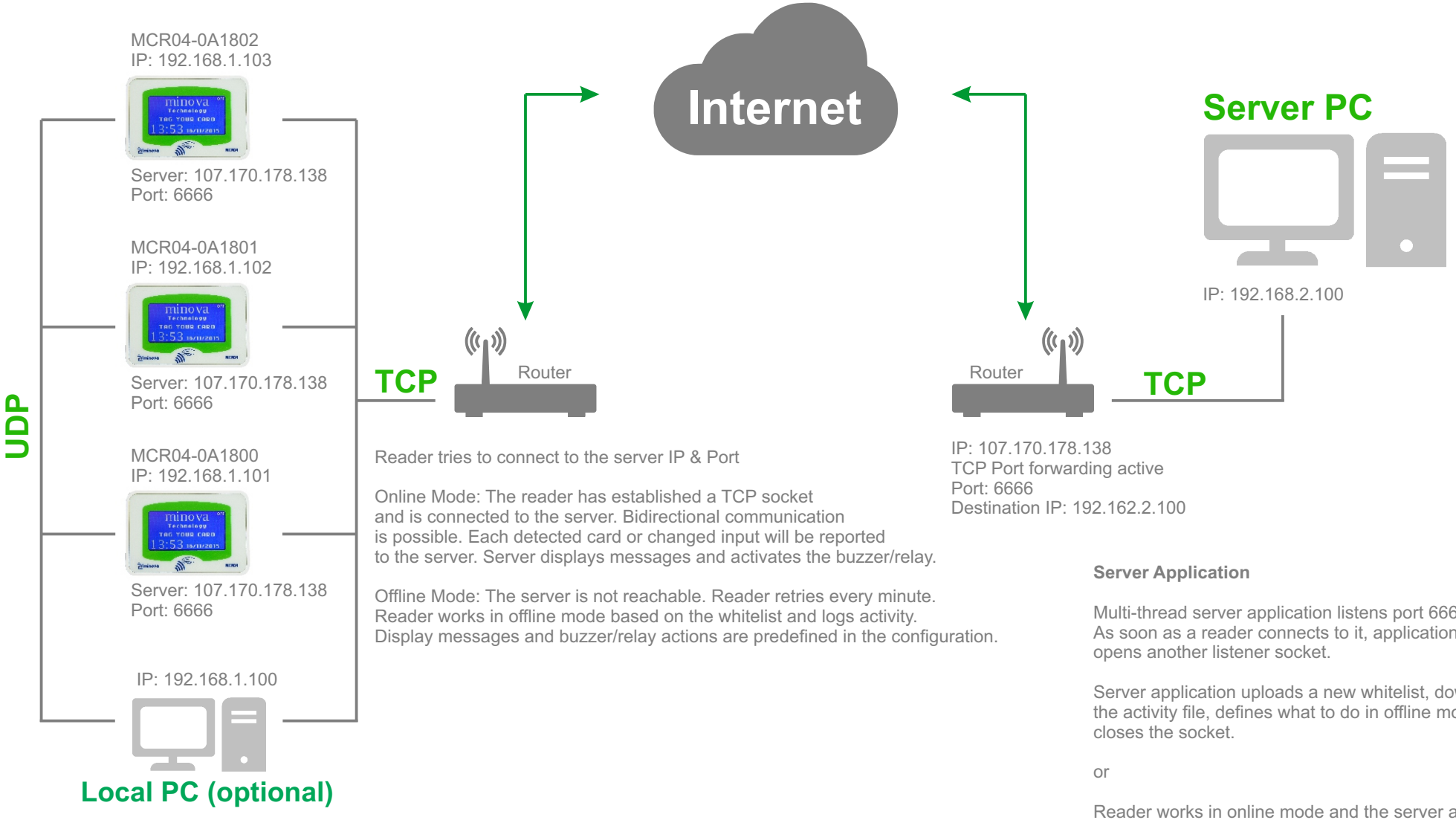
MCR Series Client Mode Network Configuration



Reader tries to connect to the server IP & Port

Online Mode: The reader has established a TCP socket
and is connected to the server. Bidirectional communication
is possible. Each detected card or changed input will be reported
to the server. Server displays messages and activates the buzzer/relay.

Offline Mode: The server is not reachable. Reader retries every minute.
Reader works in offline mode based on the whitelist and logs activity.
Display messages and buzzer/relay actions are predefined in the configuration.

IP: 107.170.178.138
TCP Port forwarding active
Port: 6666
Destination IP: 192.162.2.100

Server Application

Multi-thread server application listens port 6666.
As soon as a reader connects to it, application
opens another listener socket.

Server application uploads a new whitelist, downloads
the activity file, defines what to do in offline mode and
closes the socket.

or

Reader works in online mode and the server application
handles the reader. Socket is always open.

Sample server application:
- GSA-MCR02-Testserver

Reader is in TCP mode and DHCP is activated
Local PC configures the reader using UPD broadcast
Reader is addressed by its unique Id (e.g. MCR04-0A1800)
Configuration tools:
- miFinder
- miConnect