HEXTA-002 System organisation

HEX Systems

Targets

Butts LAN transceiver

WiFi links

re-transmitting the signal
across long distance range

Local wireless bidirectional links
with redundancy and acknowledgement
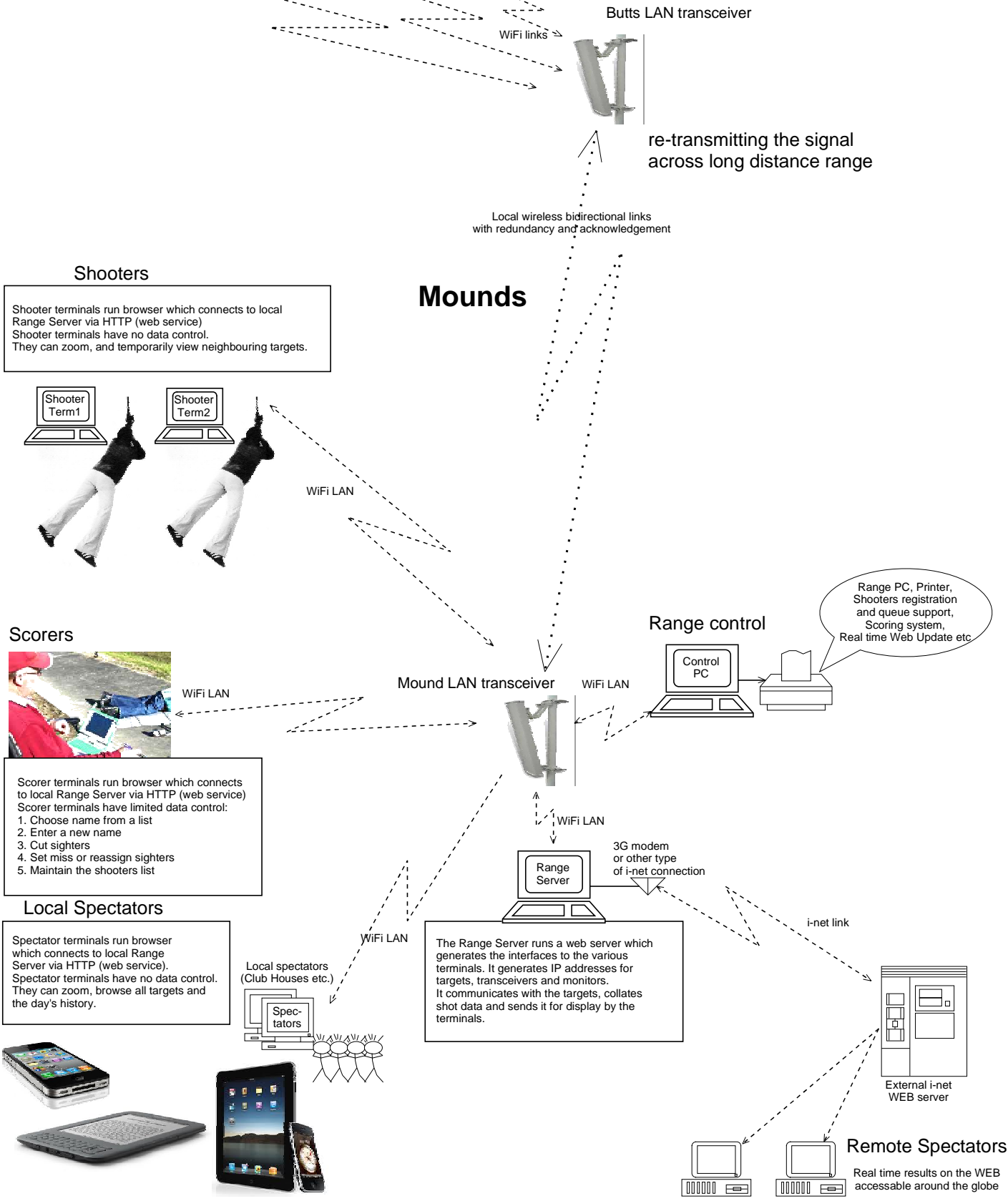
Mounds

Shooters

Shooter terminals run browser which connects to local
Range Server via HTTP (web service)
Shooter terminals have no data control.
They can zoom, and temporarily view neighbouring targets.

Shooter Term1

Shooter Term2

WiFi LAN

Range PC, Printer,
Shooters registration
and queue support,
Scoring system,
Real time Web Update etc

Range control

Control PC

Scorers

WiFi LAN

Mound LAN transceiver

WiFi LAN

Scorer terminals run browser which connects
to local Range Server via HTTP (web service)
Scorer terminals have limited data control:
1. Choose name from a list
2. Enter a new name
3. Cut sighters
4. Set miss or reassign sighters
5. Maintain the shooters list

WiFi LAN

Range
Server

3G modem
or other type
of i-net connection

i-net link

Local Spectators

Spectator terminals run browser
which connects to local Range
Server via HTTP (web service).
Spectator terminals have no data control.
They can zoom, browse all targets and
the day's history.

WiFi LAN

Local spectators
(Club Houses etc.)

Spec-
tators

The Range Server runs a web server which
generates the interfaces to the various
terminals. It generates IP addresses for
targets, transceivers and monitors.
It communicates with the targets, collates
shot data and sends it for display by the
terminals.

External i-net
WEB server

Remote Spectators

Real time results on the WEB
accessable around the globe