

# XRC Time Benefits

## Feature

## Benefit

➤ Electronic, <b>real-time</b> timekeeping, as times are captured on the system as riders clock in	❖ <b>Live Results</b> can be provided at any point during the ride
➤ <b>Import</b> capabilities	❖ Entry lists from other sources can be easily imported (standard text format) ensuring <b>accuracy of data</b>
➤ <b>Back-up mechanism</b> when scanners fail, by using space bar and keyboard to log time and rider number and produce time-ticket	❖ Ensures that system <b>stays real-time</b> as time can be logged with computer in case of a problem with scanner or rider chip, and data does not have to be captured afterwards from written time-tickets
➤ Robust, <b>outdoor</b> solution	❖ Scanners and barcode chips not as sensitive to <b>wet conditions and dust</b> as RF tags and other scanning solutions
➤ Can be driven by <b>back-up power</b> devices such as generators	❖ In <b>wet weather</b> where power is dangerous, or <b>remote areas</b> , generators can be used to power clock-point computers, scanners and ticket-printers
➤ Checkpoints use <b>different computers</b>	❖ <b>Redundancy</b> in case of computer failure as computers can be used to service more than one checkpoint in case of emergency
➤ <b>Software</b> program small and <b>easy to install</b> and upgrade	❖ In case in hardware failure, back-up computer can be <b>loaded quickly</b> ❖ In case of product updates, <b>new version</b> easily <b>downloaded from the internet</b>
➤ Can show <b>speed and time per loop</b>	❖ Often loop lengths are not known to the reader of the result, and being able to see speed and ride time <b>more meaningful</b>
➤ <b>Sliptime</b> is shown on all loops as well as <b>last loop</b> and system automatically disqualifies rider if sliptime is exceeded	❖ <b>Quick, automatic and effective indication on time-ticket</b> to assist officials when horse is not presented within allowed period
➤ <b>Finish is captured accurately</b> with computer keyboard as rider crosses the finish line (no scanning, as rules determine time has to stop as rider crosses the line)	❖ Results are <b>accurate and up to date</b> (no changing of finish times afterwards in system)
➤ <b>Non-finisher stats</b> captured during the ride	❖ Live results <b>real-time in terms of eliminations</b>
➤ <b>Automatic disqualification</b> if novice horse exceeds allowed speed	❖ <b>Quick, automatic and effective indication on time-ticket</b> to assist officials when novice horse was ridden faster than the allowed speed
➤ Live Results <b>output to webservice</b>	❖ <b>Starters lists/</b> Departure lists and <b>Live Results</b> can be produced on <b>internet and smartphones</b> via web-server application, so that it can be viewed by anyone with internet access, anywhere ❖ Riders can use the facility as an <b>electronic time-</b>

	<p><b>ticket</b> to see when they must depart for the next loop</p> <ul style="list-style-type: none"> <li>❖ <b>More spectators</b> can watch riders' progress from anywhere, increasing sponsor exposure and ability to <b>recruit sponsors</b></li> <li>❖ <b>Back-up on web-server</b> of ride results in case of system failure.</li> </ul>
<ul style="list-style-type: none"> <li>➤ Variety of reports <ul style="list-style-type: none"> <li>✚ Category result (individual and team, per distance and per competition)</li> <li>✚ Overall result for fastest to slowest rider (categories and competitions combined, fastest per distance for all competitive riders)</li> <li>✚ Best condition points for vet calculations and evaluations</li> <li>✚ Team results</li> <li>✚ Non-finisher stats (including breakdown of eliminations, disqualifications, retires and weather and terrain conditions)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>❖ Proper reward for riders performing against competition criteria</li> <li>❖ Interesting and fun prize giving</li> <li>❖ Informed evaluation of non-finishers</li> </ul>
<ul style="list-style-type: none"> <li>➤ Development is <b>in-house</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Changes can be done <b>quickly</b> and cost effectively</li> <li>➤ <b>No additional capital outlay</b> for new requirements as sport changes</li> </ul>