

CRACS - Remote Access Inspection System

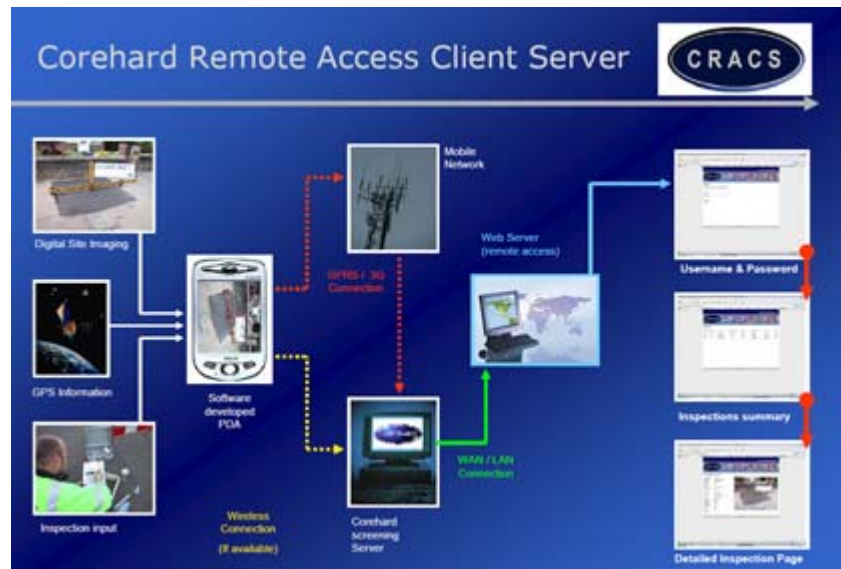
Works or asset inspection is usually a intensive paperwork process. Our CRACS system has been developed to eliminate the need for such documents whilst allowing easy access to inspection results. These results are available to the relevant authorised personnel. This has proved invaluable in **NRSWA inspections** where sections 72 and 74 of the Act are applicable. Each inspection generates a unique reference number and digital signature which will verify time, date, and the inspector. The device is also used on **QA audits** where a client requires evidence of performance criteria which is available on-line when relevant secure login is used.

All information is screened prior to it being uploaded on the web. This ensures total security of our system, and submitted inspections can printed from a secure site when logged in. **Signing, lighting, and guarding inspections** have also utilised this system to demonstrate on site-conditions and verification of a visit.

Engineering surveys where clients may require information from existing ground or site conditions such as road re-construction made up ground, imported materials, and modified backfills can be inspected and uploaded with support from **penetrometer** or **laboratory testing** services.

The system has been developed to allow for input of HA and PU reference numbers where applicable, and all completed inspections can be re-visited through the secure login system where such arrangements have been provided. Where **laboratory testing** has been employed, the system has been used to verify unavailable or restricted access work-sites, so clients can make a immediate informed decision or a possible alternative.

This system has also proved to be invaluable when used by personnel involved in **PPO** or asset protection, where evidence of potential or actual damage can be relayed to the relevant department. As each inspection is accompanied by a digital image, the remedial action can be proposed remotely. **GPS network mapping** has also utilised this system as it supplies a visual representation of each asset which can be provided to field operatives for location purposes. This is especially relevant to proposed requirements of the Traffic Management Act as such information can be entered to asset plans or drawings.



Benefits & Solutions

- Cost efficient all digital input
- Remedial action agreed immediately (if required)
- Instant verification of location & measurement
- Greater inspection and supervision productivity
- Results available remotely within minutes
- Secure Login and Password
- Remote visibility of site conditions
- Identification and verification of compliance issues

