



Providing assurance for building Owners and protecting Developers and Specifiers from early onset of corrosion in general construction markets.



CAPABILITY STATEMENT
CorrAssure™
CORROSION ASSESSMENT FOR THE
CONSTRUCTION INDUSTRY

- Condition Assessment
- Repair Recommendation
- Tendering Management
- Dispute Resolution
- Hazardous Coating Assessment
- Specification Writing
- Construction Verification
- Failure Analysis

CorrAssure™ (EXPLAINED)

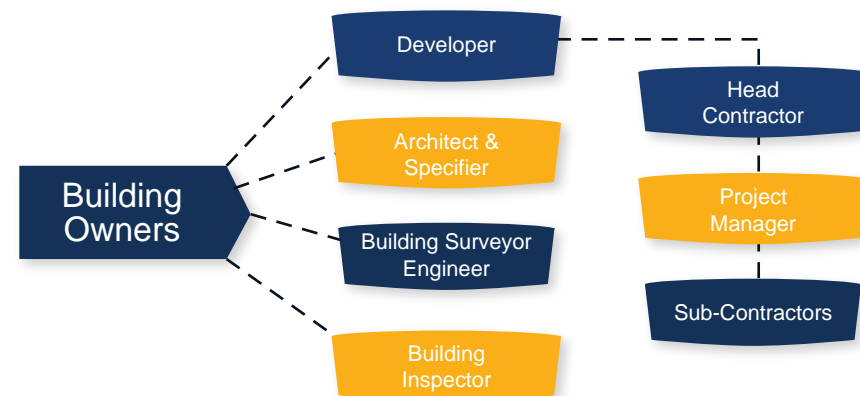
Remedy Asset Protection (RemedyAP) are experts in assessment, specification and inspection of corrosion and corrosion protection systems within the infrastructure and civil construction markets throughout Australia. With access to a network of industry professionals, RemedyAP have experience in consulting to industries with severe corrosion issues such as; Oil and Gas, Chemical Processing, and Waste Water Treatment Facilities.

Our leadership identified a gap in the general construction market where corrosion is not properly addressed in mandatory codes and standards. This can leave specifiers, certifiers, building contractors and owners unprotected when things go wrong.

RemedyAP have taken the durability lessons learned in heavy industry and packaged them into a set of systems and procedures for the general and civil construction industry to help protect everyone in the supply chain from the early onset of corrosion.

THIS INFORMATION IS FOR YOU

Our service is designed to assist your existing teams without costly duplication of services. We understand that corrosion is a small part of the development plan and therefore our service is focused on delivering value without excessive cost. Our engagement can be initiated by anyone in the development chain.



WHAT YOU GET

CorrAssure™ for the Construction Industry provides a series of

- **Design and specification review** – to include items requiring more robust control measures.
- **Inspection** - during building phases to capture any improvements required to minimize corrosion.
- **Certification** – where recommendations have been reviewed and implemented, RemedyAP will provide a Certificate of Assurance that the observed corrosion protection systems will provide minimum 5 year corrosion resistance to local atmospheric conditions.



CORROSION PROBLEM EXPLAINED

CORROSION AND BUILDING REGULATIONS

Mandatory documents in construction do not address corrosion properly and provide Owners with a minimalist approach to corrosion control. These include;

National Construction Code (NCC) 2016: Volume 2: Table 3.4.4.2

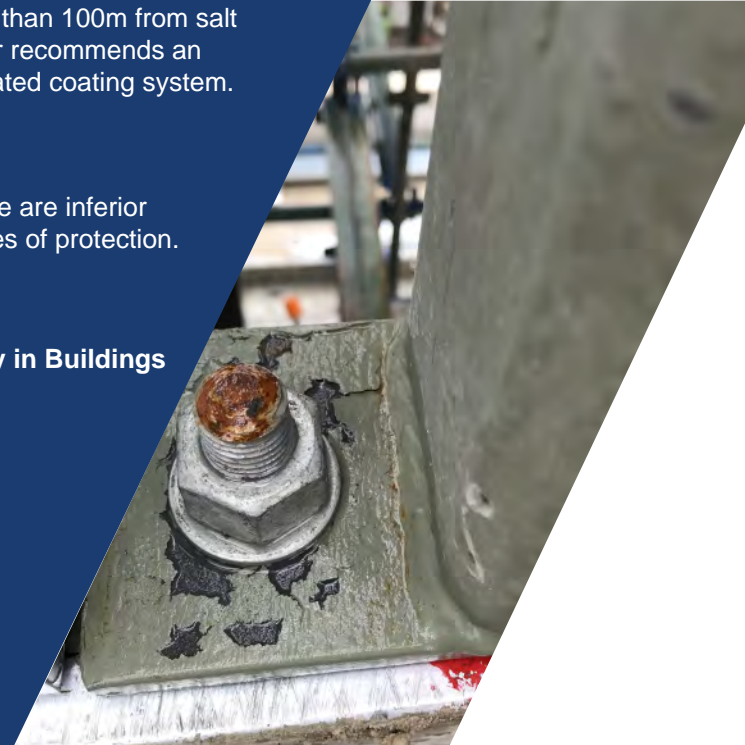
- More than 100m from salt water recommends single pack paints.
- Less than 100m from salt water recommends an outdated coating system.
- Nominates Hot Dip Galvanizing (HDG) as a suitable alternative however greater thickness would be required to achieve 15 year durability within 100m from salt water.
- These are inferior modes of protection.

Australian Building Codes Board (ABCB) Handbook: Durability in Buildings Including Plumbing Installations: 2015

- The Handbook nominates a 15 year design life for components however Section 3.4.2 relegates corrosion protection to a maintenance issue and not a component

Australian Standard 4100:(R2016) - Steel Structures

- Does not provide a specific reference to corrosion control or coatings



INSURANCES AND GUARANTEES TO PROTECT YOU, THINK AGAIN!

Reactively dealing with corrosion is a costly exercise where disassembly of building components is likely required for remedial works. The repair methods required are often unsuitable in an occupied building and therefore lesser methods of protection are accepted in lieu of the preferred requirement.

- Resultant damage losses such as water ingress can form part of a claim under home building and contents insurance if not unreasonable for the home owner to be unaware of the rust situation however insurers generally exclude corrosion as they see this as a maintenance issue.
- Implied warranties automatically apply to all domestic building work, regardless of the cost or whether or not there is a written contract.
 - These warranties transfer to a new owner for up to 10 years from completion of the work.
 - This right transfers to a new owner if the property is sold within this time.
- The insurance is 6 years for Structural defects and 2 years for Non-Structural defects.
 - Corrosion protection is likely considered non-structural thus only offering 2 years protection.

SAVE MAINTENANCE DOLLARS BY 30%

Let us get started talking about your project today – It is well documented that industry can realistically save between **15%** and **35%** of the cost of corrosion¹ through effective corrosion management. Our remedies will help you;

Save **30%** **YOUR TOTAL COST OF CORROSION**



Avoid overlapping maintenance strategies where long term costs can be slashed



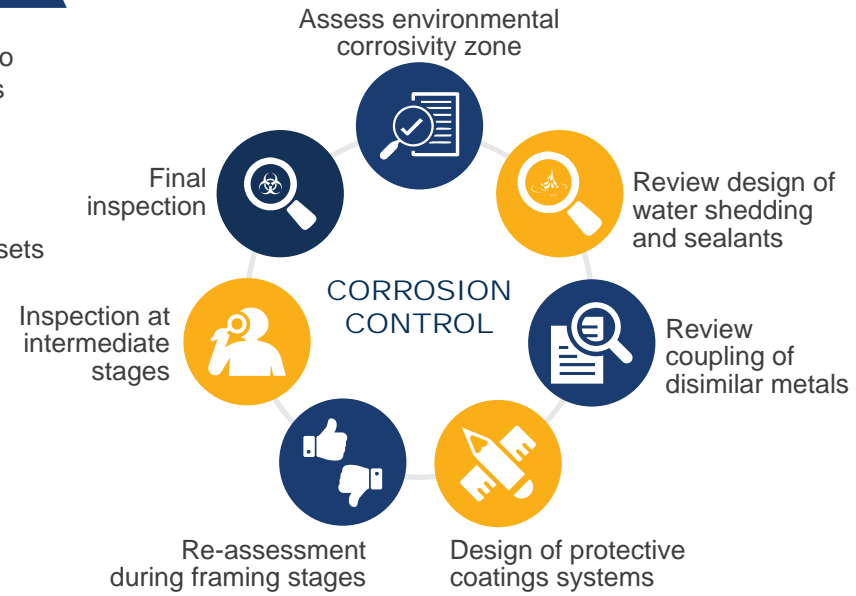
Extend maintenance intervals through better condition assessment and construction verification

¹NACE International IMPACT Study

OUR PROCESS - MANAGING CORROSION

Corrosion is inevitable. It is nature's way of bringing materials to their lowest energy state however there are low cost strategies that with careful planning ensure buildings remain corrosion resistant for between 15 and 50 years.

To be effective in controlling corrosion for these periods, RemedyAP has a system of procedures to assess the your assets

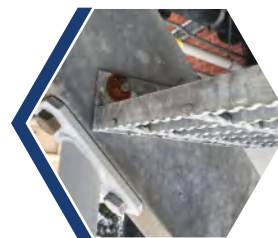


COST OF CORROSION

Recent examples of corrosion failures can be found within an internet search and include;



High rise residential balcony failures



Galvanizing exposed to high corrosivity



Coupling of dissimilar metals



Corrosion of steel window frames

OUR VISION, OUR PEOPLE, OUR CULTURE

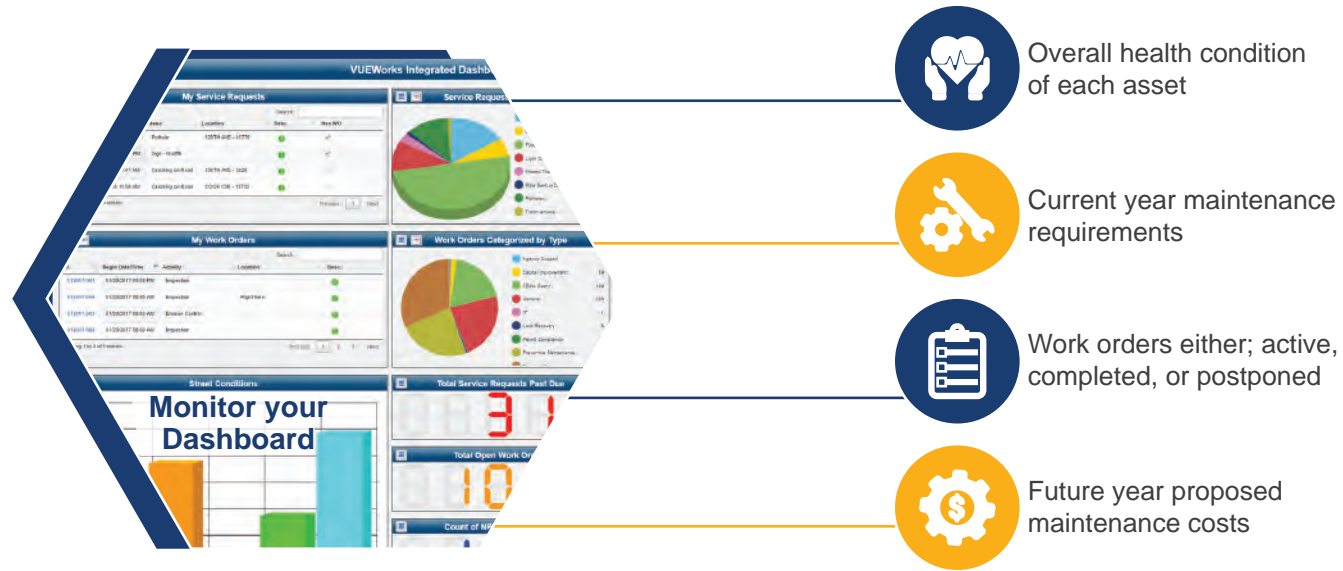
The RemedyAP mission is to provide detailed assessment and inspection services in accordance with the Asset Owner's Specification and Industry Standards. Our inspection staff has practical problem-solving skills and good interpersonal abilities. The team has experience evaluating many different types of structures across various industries to bring those learnings to the inspection, treatment, and maintenance of your facilities.

DIGITALIZATION

RemedyAP can deliver digitalization to your organization by providing cloud-based asset management software. Whether we use your existing software systems or our Proprietary software, RemedyAP can upload condition assessments with scheduled maintenance and inspection duties for your team to action. Its just a one click process to issue a work order for Staff or Contractors to get working on.



MONITOR YOUR ASSETS WITH A DASHBOARD SHOWING



RemedyAP can also provide web-based quality control forms to align your Contractors to your requirements for Inspection Test Plans and Daily Report Forms.

CONSULTANCY



AFFILIATION



Australasian Corrosion Association (ACA)



NACE International



Australian Concrete Repair Association (ACRA)



Concrete Institute of Australia (CIA)



Institute of Public Works Engineering Australia (IPWEA)

INDUSTRY DEVELOPMENT

RemedyAP supports industry through;



ACCREDITATION

The reputation of our service is guaranteed through our Accreditations listed below;

- Pre-Qualifications (Pending)**
- ISNetworld (Oil and Gas)
 - VicRoads (Bridge Inspection - Level 2)
 - VicRoads (Surveillance TB-48)
 - Protective Coatings Prequalification Scheme



JAS-ANZ

- ISO 45001 Safety
- ISO 9001 Quality
- ISO 14001 Environment

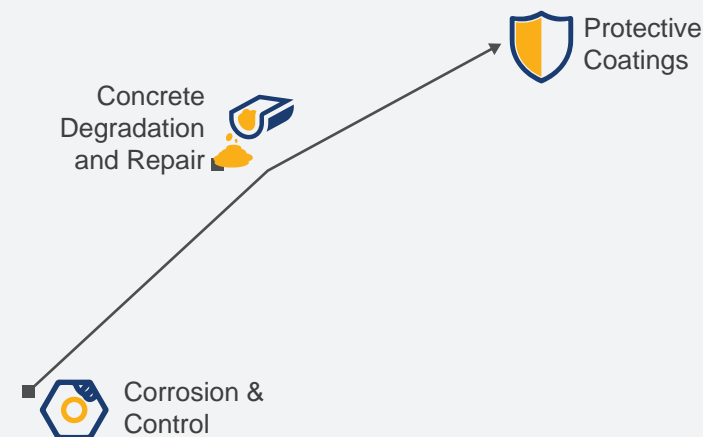


NATA (Pending)

- ISO/IEC 17020 Conformity assessment - Requirements for the operation of various types of bodies performing inspection

LUNCH & LEARN OPPORTUNITIES

We often volunteer for lunch and learn sessions for raising awareness of corrosion in the protection or refurbishment of steel and concrete structures. Call to discuss your opportunity!



TEST CAPABILITIES








 Satellite Offices

 Main Offices



-  Info@remedyap.com.au
-  1300 956 054
-  www.RemedyAp.com.au