



HVACR Australia – What The 21st Century Looks Like

ARMA takes the HVACR industry virtual

Kim Limburg – CEO ARMA



ARMA Australian Refrigeration Mechanics Association Trade Quality Assurance

ARMA SmartCard Launched April 2018 Taking The Australian HVACR Industry Virtual The SmartCard For All Cards



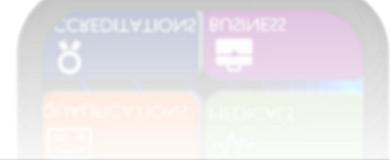


ARMA Australian Refrigeration Mechanics Association Trade Quality Assurance

ARMA's SmartCard – Eligibility.

- Inclusive of ARMA membership
- Requires min cert 111 in RAC
- ✓ Optional for RAC apprentices
- Individual SmartCard Holders retain control over who has access to their SmartCard.
- HVACR Businesses will require a trade qualified person to have the business name on their card ie;
- ✓ Supervisor, or
- ✓ RAC qualified owner
- Validated by qualified assessors





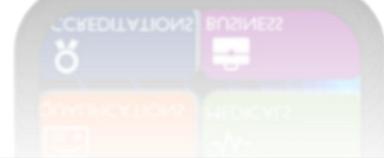




ARMA SmartCard – The Benefits

- Holds all credentials
- Real Time Records
- Consumers and inspectors will have the ability to scan and check individual's credentials
- Minimises risk mitigation for businesses
- Regulators and Governments improved policy decisions based on "Real Time" information







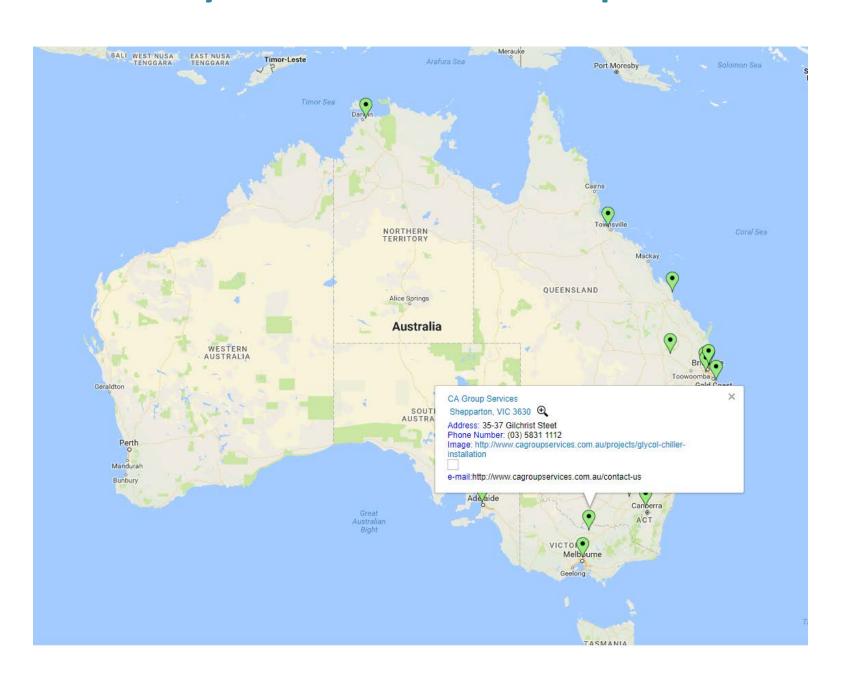


ARMA SmartCard – Making HVACR Visible

Linking Industry's Businesses with Consumers Low Cost Social Media Advertising

- ✓ Website and Consumer Forum
- ✓ Facebook
- ✓ Instagram
- ✓ Youtube
- ✓ Twitter
- ✓ LinkedIn

Contact your local Fridgy Enter your suburb or postcode.





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ARMA and ARA's Mates Rates for Fridgys App

Latest additional features

- Notification of refrigerant loss
- Lodge a complaint against a contractor







Licencing Changes Occurring In Australia

- Victoria sunsetting review of plumbing legislation
- ✓ Stand Alone RAC Licencing No longer Under Plumbing
- Currently waiting for draft proposal to be made public
- Tasmania
- ✓ Notice of Intent to be made public
- ✓ Must be certificate 111 RAC qualified
- ✓ Split System installations and Heat Pumps





Licencing Changes Occurring In Australia

Queensland Occupational Mechanical Services Licences Regulated by QBCC not the plumbing legislation

- Mechanical services plumbing
- ✓ No change to current work
- Mechanical services medical gas
- Mechanical services refrigeration & air conditioning (Limited Design)
- Mechanical services refrigeration & air conditioning (Unlimited Design)
- ✓ Excludes split system installations
- ✓ Further industry consultations to discuss technical requirements
- ✓ Excludes duct work



Introducing ARMA's

Voluntary Energy Efficiency Compliance Certification Program

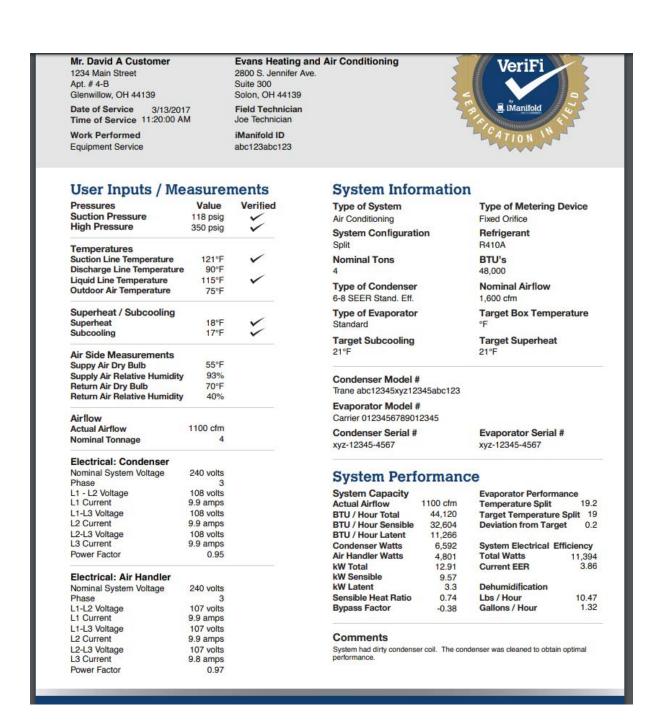
Split System Energy Efficiency The Journey Begins Here ARMA & North Park Innovations Partnership.

Collecting verified data from installation to end of life https://www.youtube.com/c/iManifold













CAPABILITIES OF THE IMANIFOLD PLATFORM:

- Verifies HVAC system refrigerant charges
- Provides reporting & geo-tagging for each HVAC system, available for next service call to that location



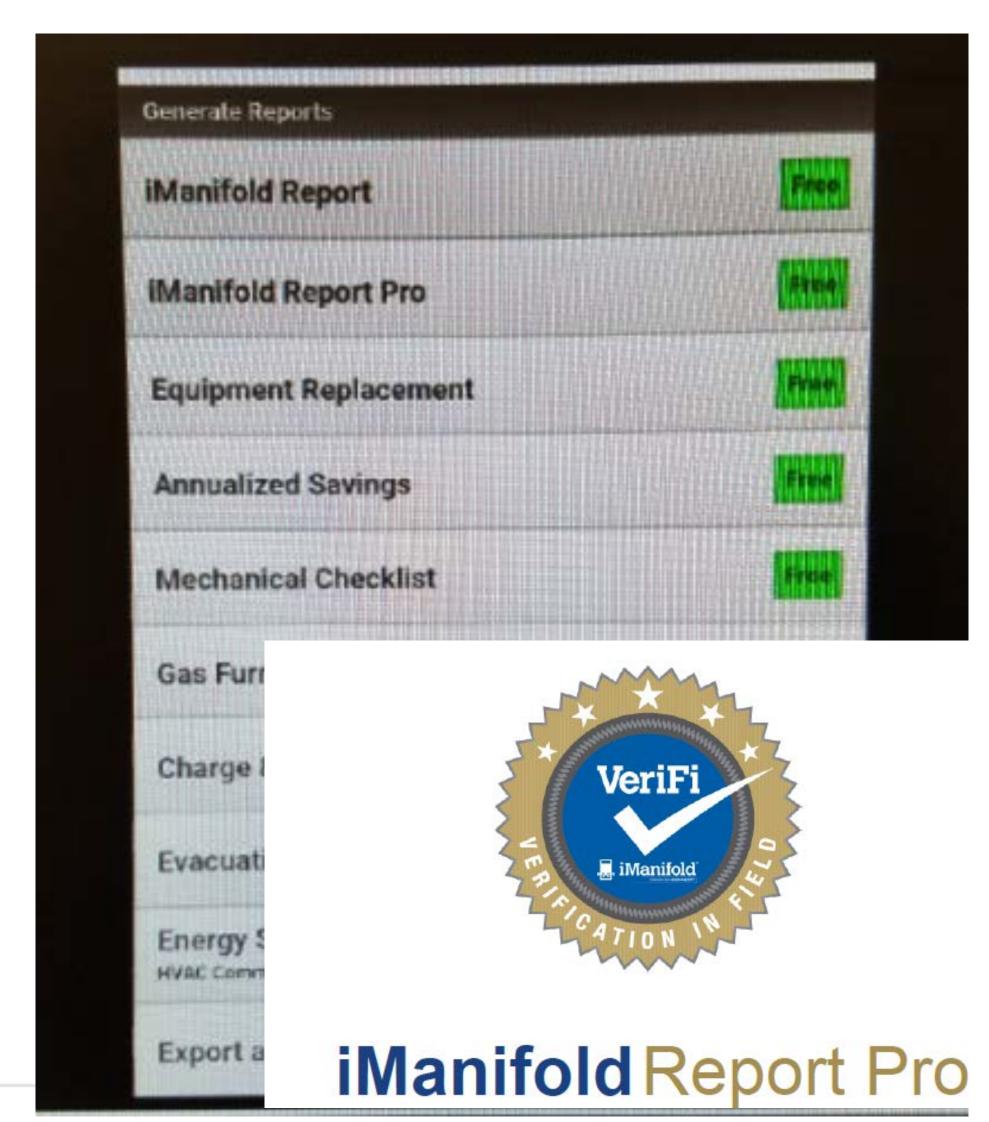
- Verifies proper commissioning, maintenance & service
- Provides ability to remotely view data and assist tech in the field



CAPABILITIES OF THE IMANIFOLD PLATFORM:

- Data is stored to the iManifold Cloud for analytics & reporting
- iManifold platform is used in the USA for 32+ utility energy efficiency programs for past four years

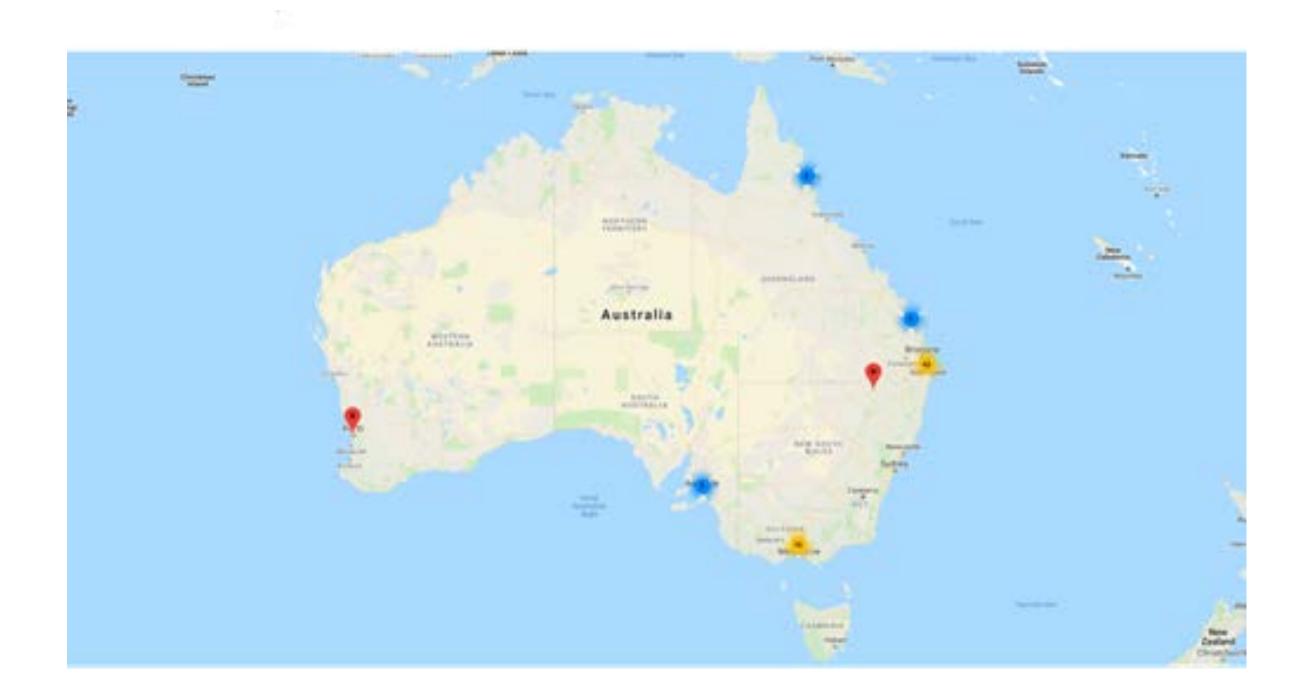


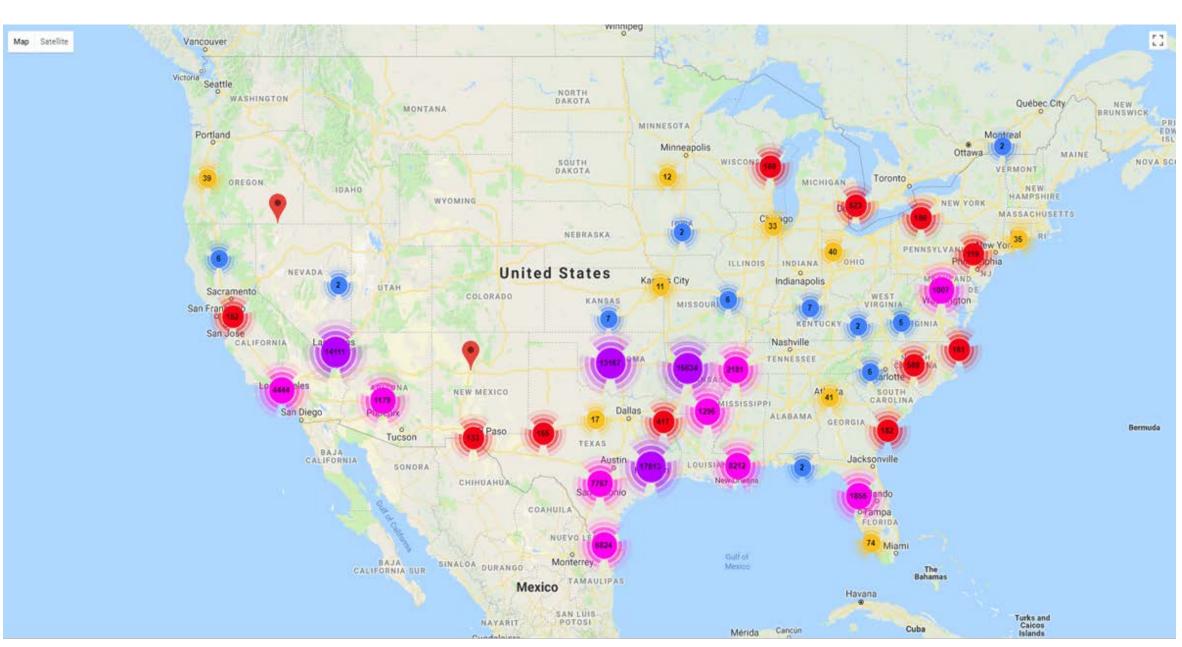






iManifold Platform has the capability of providing a national data base & operational verification for the Australian HVAC/R infrastructure





USA Heat map showing 100,000's of iManifold HVAC service jobs





- ARMA SmartCard Launched
 - www.arma.org.au/armasmartcard/
- Licencing Changes In Australia Heading Toward Positive Change Register online to receive regular updates and download the MRF app https://www.arma.org.au/
- Making Split System Air Conditioning Compliant In Efficiency https://www.youtube.com/c/iManifold

Thank you shecco for the opportunity to attend and present today, the work that you do is invaluable and greatly appreciated here in Australia.

The ARMA Team

