



COMPANY OVERVIEW

50 YEARS

WELCOME

For more than 50-years, RPC has been driven by a clear purpose to push the boundaries of Composite manufacturing through technologies and advanced Engineered Solutions.

RPC was born when Transfield Construction Pty Ltd formed Reinforced Plastic/Composites Pty Ltd in 1975 Composite manufacturing was in its infancy. RPC constantly bumped up against the traditional methods of manufacturing infrastructure components in steel and concrete, and at times it was a very hard sell! What began as a bold vision has grown into a proud legacy of engineering excellence, innovation, and trusted partnerships across government and key industry sectors.

Our journey has been shaped by a deep commitment to safety, quality, continuous improvement, and the belief that advanced Engineered Composite solutions can unlock better performance, efficiency, and sustainability for our customers. From Transport to Defence, Water and Wastewater, and Industrial and emerging applications, we have consistently invested in technology, skills and capability to stay at the forefront of this evolving field.

Our 50-year milestone in 2025 was not only a celebration of our past, but a reflection of the people who made it possible. The dedication, expertise and

integrity of our team—past and present—has been the foundation of our success. Equally important are our customers and partners whose trust has challenged us to grow, adapt, and innovate. Together we have celebrated many extraordinary achievements that have hugely benefited communities across Australia, NZ, Southeast Asia and India.

As we look to the future, RPC remains focused on advancing engineered composite and integrated solutions, mentoring the next generation of engineers, embracing new technologies, and delivering solutions that meet community needs for generations to come. Our history gives us confidence; our passion drives us forward.

For those who have already joined RPC on our journey – we thank you. For those joining us for the first time – we welcome you and look forward to working with you.



Tony Caristo
Managing Director

A stylized, handwritten signature in black ink that reads "Tony Caristo".



OVERVIEW

.....

RPC has a distinguished heritage delivering innovative and vertically integrated engineering solutions to the Infrastructure, Water and Wastewater, Transport, Defence, Mining and Asset Services sectors with advanced Composite technologies and manufacturing capability.

Our customers rely on us to solve complex engineering challenges and we take pride in delivering bespoke solutions that stretch conventional boundaries and create world-first outcomes.

Our capabilities include; design of prototypes, materials engineering, product development, material inspection and testing, CAD, 3D, FEA and Caesar Stress analysis, failure analysis, asset condition monitoring and inspection services.

RPC's highly skilled workforce of 500-plus work across five custom facilities in Sydney (Head Office); Corio (VIC); Newcastle (NSW); Batam Island, Indonesia; and Coimbatore, Tamil Nadu, India.

In Singapore we have a Sales and Project team to service our Southeast Asian customers. In India we have a full-service, stand-alone manufacturing facility servicing the Transport sector.

In all, we have more than 65,000sqm of manufacturing capacity of which 30,000sqm is covered factory area and 35,000sqm is open land area.

With Australia-wide and off-shore manufacturing facilities and a mature, reliable supply chain, RPC offers on-the-ground support and internationally competitive high-volume capabilities. This ensures globally competitive pricing and speed and reliability of supply, delivering the best mix of local content with competitively-priced manufacturing.

OneRPC: A Unified approach for our Customers

OneRPC brings our people, processes and capabilities together as one seamless team. Whether you're engaging with our teams in Australia, NZ, India or Southeast Asia, you can expect the same exceptional level of service and commitment to excellence.



Composites often represent a modern and more sustainable solution to major Infrastructure projects compared to traditional steel and concrete. Also referred to as GRP (Glass Reinforced Polymer) Composites Solutions deliver:

- Corrosion/chemical resistance
- Extraordinary weight-to-strength ratio
- Low maintenance
- Fatigue resistance
- Fire retardance
- Electrical insulation
- Long asset life > 50 years+



MISSION

To understand our customers' needs and provide viable engineered solutions by being agile in our approach, responsive to our stakeholders and creating a sustainable future.

VISION

To be the preferred choice of our customers for innovative engineered solutions where safety, quality and reliability matters.

CORE VALUES

TEAMWORK

We recognise that we are stronger together

ACCOUNTABILITY

We take ownership of issues and actively seek solutions

PERFORMANCE

We are focused on results and value high performance

INTEGRITY

We are authentic and honest in our words and actions

RESPECT

We treat everyone with dignity and respect

OneRPC - Our People

What sets RPC apart is our people. The strong sense of 'family' across the business is reflected in the many team members who have been with us since our early days.

We are committed to creating a workplace where everyone feels safe, valued, respected, and included. Equality, diversity, and mutual respect are at the heart of how we work, and we recognise and reward the unique skills, experience, and perspectives each person brings.

Through OneRPC we foster inclusive leadership and important collaboration, fair policies, and opportunities for professional growth, ensuring an environment where people thrive.

Community

The RPC family actively support numerous community charities through Workplace initiatives including Legacy, TrackSafe, RUOK and for 12-years we have been proud Gold Sponsors of NSW WaterAid.

HEALTH, SAFETY & ENVIRONMENT

HEALTH & SAFETY

RPC places the highest priority on health and safety. We are committed to providing a safe and healthy work environment for our workers, contractors, customers, and visitors. This commitment extends to ensuring that we do not place the community at risk of injury, illness, or property damage. We aim to eliminate all preventable work-related injury and illness, both physical and psychosocial, through the systematic management of risk. To achieve our health and safety objectives, RPC maintains and continually improves a Group-wide Occupational Health & Safety Management System certified to comply with ISO 45001:2018 requirements.

ENVIRONMENT

RPC integrates environmental stewardship into our core corporate strategy. Through sustainable sourcing, energy-efficient processes, waste minimisation, pollution prevention, and strict compliance with environmental regulations in all jurisdictions in which we operate, we are committed to reducing our ecological footprint and delivering environmentally responsible products and services.

QUALITY

RPC promotes a culture of quality where every team member has a shared commitment to quality. We are focussed on meeting and exceeding the expectations of our customers by continually improving efficiency, productivity, and compliance. RPC is a learning organisation working forwards achieving Zero-Defect performance by implementing actions to effectively eliminate the root causes of defects and non-conformities. Our quality culture is underpinned by a Group-wide Quality Management System certified to comply with ISO 9001:2015 requirements.

CONTINUOUS IMPROVEMENT

Continuous Improvement is fundamental to OneRPC driving ongoing enhancements in quality, efficiency, and capability across all operations. By embedding Lean manufacturing principles, data-driven decision-making, and rigorous performance review processes, RPC continually refines its systems, processes, and products to exceed industry standards.



MARKET SECTORS

INFRASTRUCTURE

SERVICING THE WATER & WASTEWATER, MINING & POWER SECTORS

Design, Manufacture, Install, Maintain.

GRP Pipes, Tanks, Ducts, Covers, Maintenance Shafts and Liners, Ovoid Sewer Liners, Vortex structures, Asset Services.

Applications:

- Potable Water & Wastewater
- Sewer rehabilitation
- Desalination
- Odour Control (Bio trickling Filters, Activated Carbon) Systems
- Mining, Energy/Power Stations & Cooling Towers

TRANSPORT

Design, Engineer, Prototype, Manufacture, Fit, Maintenance

- GRP Nose cones
- GRP Interiors & Exteriors
- Seating
- Lighting
- Toilet Modules
- Electrical Harnessing
- Full scale Low-fidelity and Hi-fidelity Mock-ups

DEFENCE

Design, Prototype, Manufacture, Fit, Maintenance

Applications:

- Composites and Specialty Metals
- Ballistic Protection Systems
- Naval Sonar Domes & Acoustic Windows
- Land Vehicle Components & Interiors
- Deployable Bridging Solutions
- Marine Sustainment & Support Equipment
- Defence Prototyping & Product Development
- Missile Cannisters

ASSET SERVICES

In-Service Condition Assessments & Inspections, Repair, Replace, Maintain for GRP Assets

- Inspection, rectification/replacement services
- Maintenance
- Remaining Service Life (RSL) Assessment

PRODUCTS & CONTRACT MANUFACTURING

Products:

- Mine Vent Duct (MVD) & Lightweight Mine Vent Duct (LMVD)
- PermaGlass®
- PermaVent® & PermaStack
- PermaManhole (PermaShaft)

CONTRACT MANUFACTURING

RPC offers contract manufacturing services for customers requiring high-quality composite components and products. Whether you need a one-off prototype, a small production run, or ongoing volume manufacture, we can produce virtually any composite part to individual specifications.

SUPPORTED BY RPC ENGINEERING

- Design and testing
- Prototypes
- Materials engineering
- Product development
- Material inspection and testing
- CAD, 3D, FEA and Caesar Stress Analysis
- Failure analysis
- R&D





INFRASTRUCTURE

GRP IN INFRASTRUCTURE

Boasting unrivalled technical knowledge and experience in advanced composites, RPC can design, prototype, manufacture, install/construct and provide Through Life Support (TLS). Vertically integrated and working as OneRPC we are agile, we listen, and we will partner with you to deliver on time and on budget to the highest quality and safety standards.

Whatever the engineering and performance priorities; strength, endurance, corrosion resistance, weight reduction, energy efficiency, price and quality assurance, RPC delivers.

Composite materials deliver superior performance in relation to both upstream and downstream

applications including strength, durability, corrosion resistance, zero conductivity (conductive if required), inert and other properties critical to performance, reliability and safety even in the most hostile and exacting environments.

In addition, RPC can design and fabricate customised solutions for solvent extraction tanks and vessels, pulse dampeners, degassing pots and piping solutions for highly corrosive process streams.

We also provide In-Service Condition Assessments and TLS on existing live Composite assets.

PRODUCTS MARKETS	PermaGRE® Pipe	PermaGRP® Pipe	Cooling Water Piping	Tanks	Odour Control Units & Facilities	Ductwork & Fittings	Tank Lids & Covers	Vortex Structures	Manhole Liners & Shafts	Ovoid Sewer Liners	Chemical Process Piping	Site Installation	Asset Services
WATER & WASTEWATER													
Civil infrastructure		✓	✓	✓		✓	✓	✓	✓	✓		✓	✓
Wastewater Treatment		✓		✓	✓	✓	✓	✓	✓	✓		✓	✓
Desalination Plants		✓	✓	✓			✓					✓	✓
Sewer Networks									✓	✓	✓	✓	✓
Acid Plants		✓		✓							✓	✓	✓
Sewer Rehabilitation		✓			✓	✓		✓	✓	✓		✓	✓
RESOURCES AND ENERGY													
Power Station	✓	✓	✓								✓	✓	✓
Oil & Gas	✓	✓		✓	✓	✓			✓	✓	✓	✓	✓
Mineral Processing	✓	✓		✓		✓	✓				✓	✓	✓
Mining	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓



ASSET SERVICES

INSPECTION - CONDITION ASSESSMENT - MAINTENANCE

As a recognised leader in the manufacture of composite infrastructure, RPC recognised that asset age alone is not an indicator of performance. In addition to our experience, we have the exclusive licence for the world-first UTComp UltraAnlytix™ In-Service Testing system that enables condition assessments of GRP assets while they are still operating, eliminating the need for costly shutdowns or confined-space inspections.

Together we have established evidence-based approaches that enable infrastructure owners to understand the Fitness for Service and Remaining Service Life of their Composite assets.

Our expertise spans water and wastewater pipelines, storage tanks, industrial facilities, and mining infrastructure. By combining advanced inspection technologies with engineering expertise, RPC delivers independent, data-driven assessments that reduce risk, optimise investment, extend asset life, and support confident asset management decisions.

Working in partnership with Asset Managers, RPC can assess one asset, such as a tank or pipeline, or provide a strategic program of testing and reporting for an entire facility. Customers utilising RPC's Asset Services include Sydney Water, Melbourne Water, BHP, Veolia, Clarke Energy and WA Water Corporation.



SHUT-DOWN TEAMS FOR ASSET CONDITION ASSESSMENT & MAINTENANCE

RPC can provide highly skilled shutdown teams who are trained to execute planned and emergency maintenance, repairs and upgrades, minimizing downtime and maximizing productivity. We offer tailored solutions that ensure equipment is back online quickly and safely whether it's routine maintenance or a large-scale turnaround project.





TRANSPORT

RPC has delivered GRP composite solutions for domestic and international customers for more than 50-years in the Transport sector. We have played an important part in many of Australia's most successful passenger rail projects including Waratah, OSCAR, Millennium, Sydney Metro, Hunter, Tangara, X'tropolis, VLocity, Perth Metronet, NGT and E-Class trams. RPC supplies unique and efficient solutions that improve passenger comfort and safety for today and into the future.

In addition, RPC has been operational in India since 2019 and has delivered the RRTS/MTRS, Sydney Metro extension and Montreal REM projects to exacting standards. Our footprint in this growing market continues to evolve and expand.

With manufacturing facilities in Australia, Southeast Asia and India, RPC delivers capability, capacity

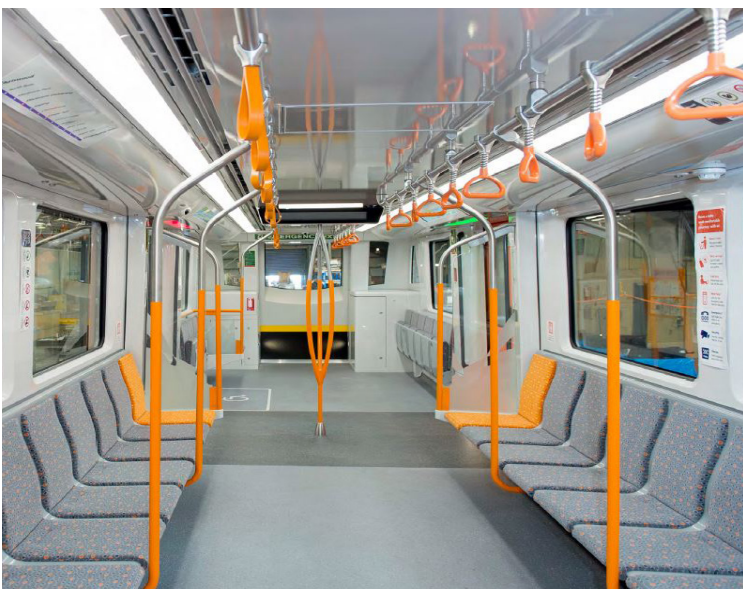
and local content across key transport markets. We combine internationally cost-competitive solutions with Australian engineering expertise, strong client understanding and deep experience in the APAC transport sector.

To help validate major rail project designs, RPC has expanded its capability to include the design and manufacture of full-scale high-and-low fidelity train and tram mock-ups.

RPC also offers a professional range of complementary valued-added capabilities such as lighting systems, electrical harnessing, testing, skilled resourcing all supported by project management professionals.

RPC solutions in the Transport sector include:

- Exteriors GRP - front masks, nose cones, canopies, roof hoods, cab skirts, coupler fairings
- Cab interior GRP - driver desks and cab interior components
- Saloon Interior GRP - side walls, end walls, door pillars, ceiling panels, display covers
- Lighting solutions - with LED technology
- Toilet systems and tanks - standard and universal; modules or kits
- Passenger rail seating solutions - Fixed, Walkover, Flip-up, Rotating, Transverse, Longitudinal and Reclining, Build-to-Print or bespoke designs
- Interior components - inclusive of luggage racks, handrails, ceiling panels, draft screens
- Mock-ups - Full-scale engineered passenger trainset mock-ups (low and high fidelity)
- Refurbishment and refresh - rail car seating and interiors
- Remediation works - train sets and components
- Crash repairs and on-site inspections
- Specialty Components - electrical harnessing, fabrication, and electrical sub-assemblies
- Through-Life Support - Maintenance and refurbishment
- Engineering - Design, 3D Modelling, FEM/FEA, validation, testing, R&D



DEFENCE

A trusted partner and Sovereign manufacturer to the Australian Defence Force (ADF) for more than five decades, RPC provides unmatched expertise in engineering, manufacturing and sustainment support across Land and Sea platforms. Our proven track record includes advanced Composites and Specialty Metals solutions and Through Life Support. RPC also has a strong track record of delivering proof-of-concept prototypes, fabrication and manufacture

COMPOSITE SOLUTIONS

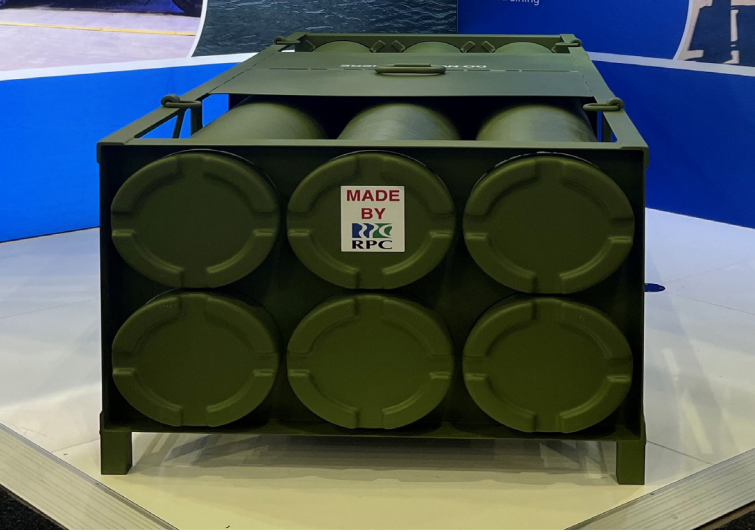
- High corrosion/chemical resistance
- Extraordinary weight-to-strength ratio
- Low maintenance
- Fatigue resistance
- Fire retardance
- Electrical insulation
- Long asset life > 50 years
- Acoustic Sonar Windows for Submarines
- Hull Sonar Domes for Destroyers and Frigates
- Sustainment & specialty composite parts , LHD, Yardarms, Flag Bins & Handrails
- Fully functional Dashboard assemblies for vehicles
- Missile Canisters
- Decoy Units
- Composite pressure vessels

NON-COMPOSITE SOLUTIONS

- Specialty fabrication (mild, alloy, stainless & duplex steel, 5000, 6000 & 7000 series aluminum)
- Serial Manufacturing and build to print
- Design services
- Prototyping, fabrication, and commissioning
- Through-Life-Support for all Defence Bridging
- Custom specialised projects for test equipment and long-life infrastructure

RPC's Defence portfolio reflects our enduring commitment to superior quality, technical excellence, and outstanding service.





PRODUCTS

PRODUCTS

RPC's range of Composite products are designed to deliver exceptional durability, corrosion resistance and performance in challenging operating environments.

MINE VENT DUCT (MVD) & LIGHTWEIGHT MVD & FITTINGS

Engineered and manufactured in Australia, RPC offers two industry-leading Mine Vent Duct solutions:

- (MVD) Standard GRP
- (LWMVD) Lightweight Carbon Fibre

Both products provide a cost-effective, fit-for-purpose system that meets Fire Retardant Anti-Static (FRAS) standards and all MVD products undergo rigorous vacuum and structural testing to ensure consistent quality and compliance.

To complement the MVD range, RPC provides a full scope of fittings along with engineered bespoke solutions (as required) and all fittings can be supplied in either standard or carbon fibre formats.

RPC's MVD and LWMVD modern, lightweight solutions makes manual handling and installation faster and safer reducing LTI's for mine operators.

PermaGlass®

PermaGlass® FRP Bore Casing is a high-quality Fibreglass Pipe which has been used in Australia and overseas bore installations for over 25 years. PermaGlass® is made to Australian Standards and incorporates Testing and Post Curing to ensure the highest quality and strength is achieved.

Contact information: Exclusive Distributor – APTWater
+61 8 6143 1000
info@aptwater.com.au

PermaVent® & PermaStack

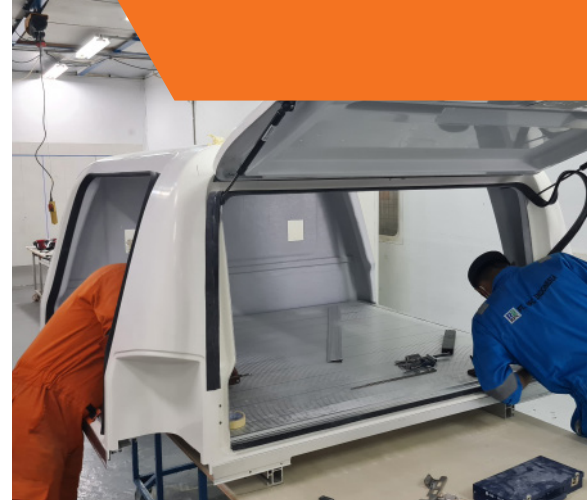
RPC's GRP vent shafts, PermaVent® and GRP waste gas stacks, PermaStack are chemically and structurally engineered with the optimal balance of resin and glass fibre for resistance to a wide range of acids, alkalis, solvents and corrosive fumes.

In addition to their resistance to corrosion, pitting and scaling, they are immune to virtually all bacteriological corrosion, will not rust and do not require any form of cathodic protection. A surface coating applied during manufacture ensures a long life even in Australia's most demanding climatic conditions. Once installed, PermaVent® and PermaStack are virtually maintenance free. RPC has successfully installed PermaStack from 10m to in-excess-of 100m in height.

PermaManholes (PermaShaft)

Engineered to serve the growing needs of new and upgrading sewerage networks in Australia, NZ and SEA, RPC's PermaManhole® and PermaShaft solutions have been successfully manufactured, supplied and installed for major sewer upgrades across Australia.

Integrated design for one-piece manhole and channel invert liner delivery and fast off-site manufacture up to 7.5m diameter vastly lessens site risks and civic disruption due to ease and speed of installation. They are corrosion resistant, low maintenance and deliver an asset life of more than 50+ years.



CONTRACT MANUFACTURING

RPC offers contract manufacturing services for customers requiring high-quality Composite components and products. Whether you need a one-off prototype, a small production run, or ongoing volume manufacture, we can produce virtually any Composite part to individual specifications.



FACILITIES OVERVIEW

HEAD OFFICE: SEVEN HILLS, SYDNEY, NSW, AUSTRALIA

WORKSHOP AREA - 2,200m²;
PAINTING & BLASTING ROOM AREA - 221m²;
HARDSTAND AREA - 3500m²

RPC's Seven Hills site houses Administration offices and Engineering services. In addition, there is a manufacturing facility that undertakes fabrication and sustainment work and support services for Army's Enhanced Gap Crossing capabilities, Assets and servicing of specialist vehicles for the Australia Defence Force.



BROADMEADOW, NEWCASTLE, NSW, AUSTRALIA

FACTORY AREA - 8,000m²;
OPEN LAND AREA - 7,000m²

RPC Broadmeadow has a substantial engineering group that covers the disciplines of mechanical and electrical engineering, materials science and industrial design, along with associated state-of-the-art design and testing equipment. Business development, project management and other business-related services for the Transport and Products sectors are also located at this facility.



CORIO, GEELONG, VICTORIA, AUSTRALIA

FACTORY AREA - 5,200m²
HARD STAND AREA - 11,357m²

RPC's purpose-built flagship facility was built in 2010 specifically to cater to the needs of our customers in the Transport, Infrastructure, and Defence sectors.





BATAM ISLAND, INDONESIA

FACTORY AREA – 12,720m²

OPEN LAND AREA – 11,531m²

The Batam, Indonesia facility is conveniently located just 45 minutes by fast ferry from Singapore. It is the largest of our production facilities, run under expatriate management this facility is certified to ISO 9001 and ISO 45001 and runs under Australian operating systems.



COIMBATORE, TAMIL NADU, INDIA

FACTORY AREA: 15,000m² (with a future capacity up to 100,000m²)

Building on our success in India, RPC opened a purpose-built facility in 2025 to service the growing Transport sector with: Rail Nose Cones/Front Ends/ Masks; Cab interiors; Passenger car interiors; Toilet Modules; High & Low scale Mock-Ups.

LOCATIONS & CONTACT INFO

AUSTRALIA

RPC TECHNOLOGIES PTY LTD

SEVEN HILLS | HEAD OFFICE

24 Powers Road
Seven Hills, NSW 2147 Australia
P: +61 2 9624 9800

BROADMEADOW

56 Clyde Street
Broadmeadow, NSW 2292 Australia
P: +61 2 4911 5500

CORIO

285 Heales Road
Corio, VIC 3214 Australia
P: +61 3 5273 2700

SINGAPORE

RPC SINGAPORE PTE LTD

150 Changi Road
#04-04A Guthrie Building
Singapore 419973
P: +65 6743 7424
F: +65 6463 1262

BATAM ISLAND

P.T RPC INDONESIA

c/- P.T. Sekapang Logistics JL RE
Martadinata Sekupang Batam Island
Indonesia
P: +62 778 322 518

INDIA

RPC TECHNOLOGIES INDIA PVT LTD

3/410 Kittampalayam Village
Sulur Taluk, Kaniyur
Coimbatore, Tamil Nadu, India
M: +91 9392 332 663



enquiries@rpctechnologies.com
www.rpctechnologies.com



Engineered Solutions for the Future