



Vehicle Technology / Mobility Systems / Suspensions / Drivelines / Dynamic Solutions



▲ Cutting Edge Mobility Systems

Timoney Technology

Timoney is a privately owned company providing a range of integrated engineering services from concept design through to full vehicle program management and manufacture.

Founded on the principles of automotive system development, and with over 40 years experience in the defence and commercial vehicle sectors where we have developed solutions for a wide range of operational requirements.

Whether you require components for a one-off project, engineering consultancy or a complete vehicle or subsystem development service, TTL is ideally placed to support your programme.



▲ Military/Off-highway



▲ Construction



▲ On-highway



Transfer Cases

- Axle Mounted Units
- Transmission Mounted Units
- Remote Mounted Units
- Parking Brake Facility
- Ground Driven Steering Pump PTO

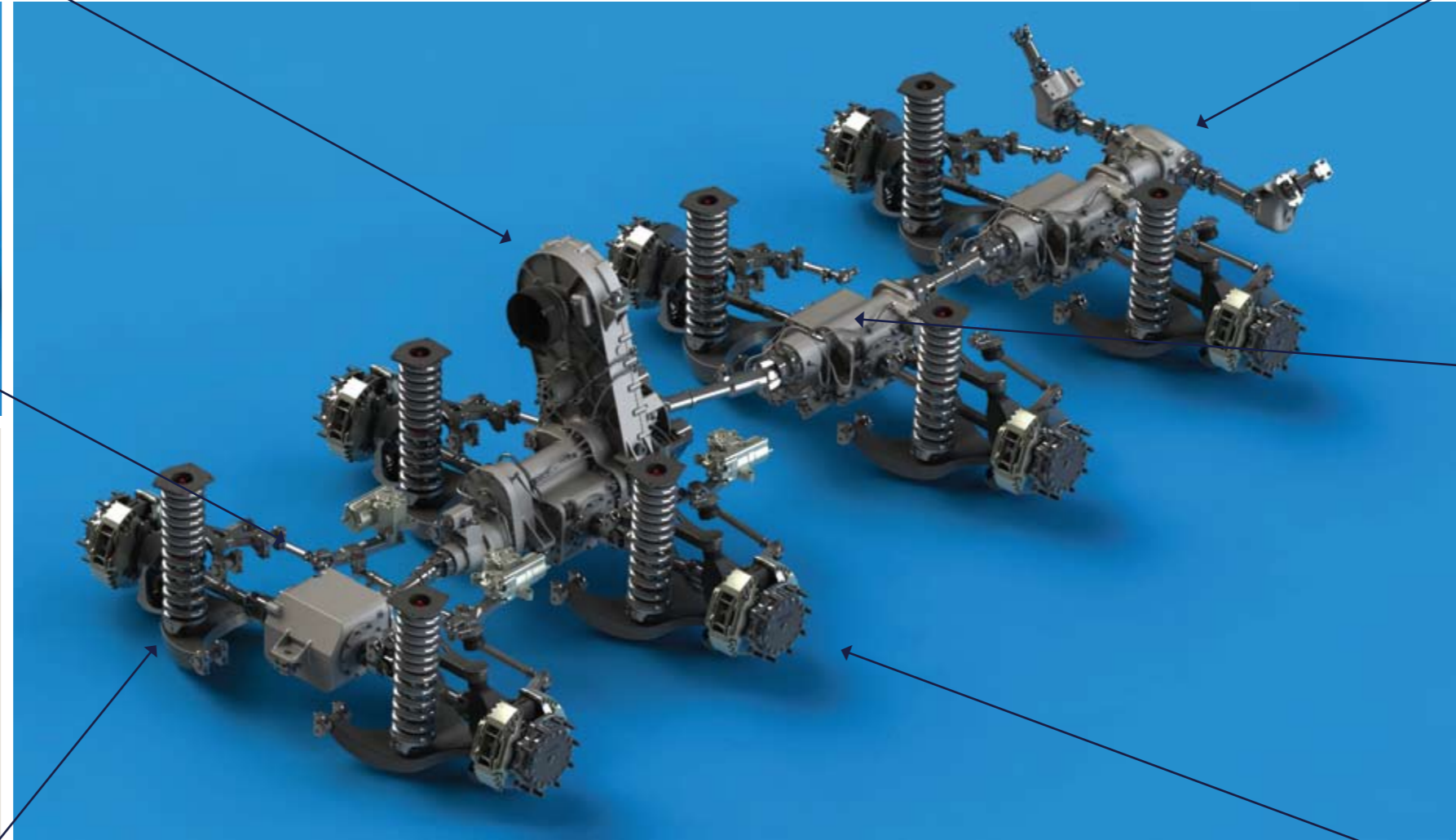
Amphibious Drive Transmission

- For integration with Hydrojet Pods or Prop Units
- Disconnect system enabling full engine power transmission to amphibious drive



Steering Systems

- Single Axle and Multi-Axle steer
- Full hydraulic power assist



Axle Boxes/Differential Units

- Final Drive and Through Drive versions
- Torque biasing options
- Manually Lockable Differentials
- Limited Slip Differentials
- Drive Disconnect facility



Independent Suspension Systems

- Double Wishbone
- McPherson Strut
- Trailing Arm Torsion Bar
- Hydro-pneumatic options with control

Planetary Wheel Hub Units

- Hydraulic and Pneumatic Brake options
- CTIS ready
- ABS ready



- Concept Development
- Engineering Design
- System Integration
- Prototype Manufacture
- Product Development
- Test & Evaluation
- Programme Management
- Volume Manufacturing
- Technical & Logistic Support

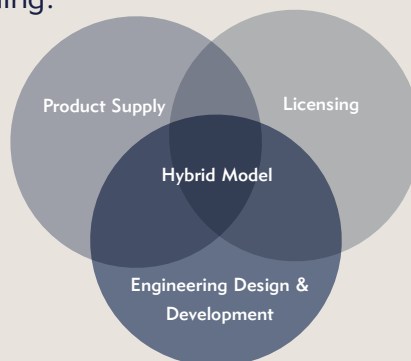
Our specific Automotive Engineering expertise includes:

Suspension, Steering, Driveline, Power-pack, Transmission, Dynamic Modeling and Analysis, Structural Analysis and Testing and Evaluation.



- Timoneys' way of doing business is highly flexible.
- Timoney works with clients to agree a hybrid business model as well as technical requirements including:

Designing and Development
Product Supply
Technology Licensing



TIMONEY
MOBILITY SYSTEMS

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