



## Autonomous Vehicles

### What's happening

- Autonomous vehicle (AV) technology is advancing, largely in robotaxis, commercial trucks and other commercial applications
- Widespread AV adoption faces challenges, including a patchwork of regulations, technology limitations, and public acceptance
- Companies are working to scale and reduce costs as business models shift to prioritize software, sensors and chips
- Geopolitical competition and regulation are impacting sourcing of AV equipment and software, including sensors and chips

### Why

- Safety a concern for public and regulators
- Regulatory structures still in their infancy as technology is new and capacity evolving
- The race for AI supremacy and the global trade war, including significant tariffs on automobiles and automobile parts
- China controls many of the critical minerals and metals used in advanced AV technologies, including chips and sensors

### Why it matters

- Technology is critical for automation and other strategic applications beyond mobility – robotics and warfighting
- Regulatory compliance is complex and often involves multiple governing entities
- On-going revenue potential
- Increasing impact on automotive and mobility sector as AV technology evolves and gains wider acceptance

### How we can help

- Strategically analyze global developments to help companies evaluate risk to their business and get ahead of it while seeking opportunities for advantage
- Rapid response to changed rules and regulations, including developing appropriate global compliance strategies

### What we do

#### Innovative Technology

- Advise on multifaceted geopolitical, regulatory, governance, and enforcement challenges arising from evolving autonomous drive technologies
- Develop corporate structures to optimize integrating new technologies into existing enterprises

#### Regulatory Compliance

- Advise on certification, testing and other regulatory requirements in all major markets, including at the local level
- Monitor and engage on legislative and regulatory changes that shape evolving autonomous vehicle rules

#### Automotive and Mobility Sector

A Global team of over 400 lawyers advising a broad range of automotive clients, including manufacturers, suppliers, mobility firms, and new entrants.