Intellectual Concepts

DOT **DBE** certified (GA, CA, DC, MD, AL, OH, FL, NY, MN, NJ)
8(a) certified **|** WBENC **WBE |** GMSDC **MBE | Georgia Supplier of the Year**
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Transit Capabilities

Rail Vehicle Consulting

Intellectual Concepts (IC) provides a range of rail vehicle consulting services, including Configuration Management, Warranty Management, Engineering System Modifications, Lifecycle Management, and Regulatory Compliance.

Supply Chain/Asset Management (RFID/IUID)

IC provides solutions to enhance the management, sustainability, and integrity of your supply chain and supply chain audit ability. Utilizing proprietary software and Wireless/Radio Frequency (RF) and Radio Frequency Identification (RFID) hardware, we are able to effectively improve the ability to audit and manage changes to your supply and assets.

Customized Workforce Training and Documentation

Our instructional designers and trainers are experts in rail operations, processes, and maintenance. Our team has vast experience developing curriculum and delivering training through various classroom e-learning, and distance formats. We also develop documentation and manuals for Rail Car Maintenance, Maintenance of Way.
Related Services: Standard Operating Procedures (SOPs), Operations & Maintenance Manuals (O&M), Training Manuals, Interactive Electronic Manuals (IEMs), Curriculum Development, Training Delivery (Classroom, Web-Based, Hands-On)

Cybersecurity

Cybersecurity has evolved from an IT challenge to an enterprise risk management challenge. You still have to focus on protecting networks to maintain business and operational functions, but today's threats pose risks beyond operations – including loss of reputation, intellectual capital, competitiveness, and financial viability. The stakes are higher, the threats are more complex, and solutions must go beyond IT to address the people, policy, operations, and management strategies critical to cyber defense. Intellectual Concepts' methodology can help you design a customized cyber strategy equipped with multiple layers of security, each serving to reduce threats and mitigate operational risk.
Related Services: Cyber Analytics, Contingency Planning, Continuous Diagnostics and Mitigation (CDM), Public Key Infrastructure, Threat and Security Operation Services, Cybersecurity Engineering Services

Systems & Business Processing Re-Engineering: IC provides business process review of transit organizations including evaluating, recommending, and transitioning – staff, technology, and workflows – ensuring the best use of resources, business processes, budget allocation, and efficiency. Our services include: Task analyses, Process/procedure reviews Technology evaluations, Key process automation, Change management, and Workflow optimization

Program Management: IC provides comprehensive lifecycle and program management support. We improve the development and sustainment of client programs and systems to achieve their transformation goals. From program design and startup through implementation and measurement, IC has been cited by clients as key to program success. Administrative Support

Sample Past Performances:

- Training curriculum development and classroom instruction for a public transit authority
- Process documentation for a train control system and SCADA upgrade
- Rail Vehicle Configuration Management for a 300 fleet Rolling Stock
- Rail Vehicle Warranty Management for a 300 fleet Rolling Stock
- Development of Rail Vehicle Maintenance Standard Operating Procedures
- Development of a web extranet and intranet portal solution
- Cybersecurity advisory for a transit police department