

TSI Impact LTD leadership brings hands-on experience supporting vehicle specification, production inspection, quality assurance, defect resolution, acceptance, and fleet deployment across major transit OEMs including **Gillig, BYD, Van Hool, and MCI** — for transit agencies, municipalities, universities, and fleet operators.

TSI Impact supports transit agencies and public fleet owners as an owner-side extension of staff throughout procurement, production, acceptance, and commissioning.

Representative engagement: factory acceptance of transit buses involving specification review, in-plant production inspection, serialized component tracking, defect and punch-list management, corrective-action verification, and final release.

700+ Vehicles managed	25,000+ Daily riders supported	\$200M+ Portfolio managed	\$60M+ Documented savings	\$53M Asset disposition managed
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CORE CAPABILITIES

- Vehicle procurement — specification, bid packages, technical evaluation
- OEM oversight — production schedule tracking, engineering change review
- In-plant production inspection — first-article & full-run
- QA/QC — specification compliance, **serialized component tracking & verification**
- Structural & water-leak test monitoring
- Daily & weekly production reporting
- Road testing, defect & punch-list management
- Engineering change / deviation tracking
- Corrective-action verification & final acceptance
- Commissioning & vehicle release
- Fleet electrification — energy modeling, charger siting, utility make-ready
- Vendor management & warranty tracking
- ADA/paratransit — lifts, ramps, securement, accessible boarding
- Post-delivery Buy America audit support, FMVSS certification review, and 49 CFR Part 663 documentation

GOVERNMENT CONTRACTING READINESS

Legal business name	TSI Impact LTD
Location	Palo Alto, CA — clients nationwide
NAICS	541614 (primary), 541611, 541618, 541690, 541380, 541330, 488999
Insurance	Available on request
SAM / UEI	Contact for current status
Small business / SBE	Contact for current status

EXPERIENCE / PAST PERFORMANCE

OEM & FACTORY INSPECTION

Vehicle acceptance across major transit OEMs

Specification review, production inspection, and acceptance spanning Gillig, BYD, Van Hool, and MCI builds — from factory floor to fleet-ready, with serialized component tracking, engineering change review, defect tracking, and corrective-action verification.

FLEET ELECTRIFICATION

Campus fleets moved to 85%+ EV

Led electrification of the Stanford Marguerite shuttle system and Meta campus fleets, including campus trams — energy modeling, charger siting, utility make-ready, and phasing that kept service running.

LARGE-SCALE FLEET OPERATIONS

700+ vehicles, 25,000+ daily riders

Head of Transportation at Meta: full-lifecycle responsibility for a 700+ vehicle fleet on a \$200M+ annual budget, including vehicle specification, vendor management, and \$53M in asset disposition.

TERMINOLOGY

First article · Production inspection · Specification compliance · QA/QC · Nonconformance · Punch list · Corrective action · Factory acceptance · Road test · Commissioning · Vehicle release · Serialized component tracking · Engineering change/deviation · Post-delivery Buy America audit · 49 CFR Part 663 · FMVSS certification review

PRINCIPAL

Ward Thomas, Founder & Principal — 20+ years in ground transportation and fleet operations, including Head of Transportation at Meta (2015–2024), Associate Director of Transportation at Stanford University (2010–2015), and Transportation Coordinator at Google. MS Transportation Management, Mineta Transportation Institute, San Jose State University; BS Communication, Ohio University.

Related practice: AI dashcams, driver behavior monitoring, and fleet safety technology are handled through FleetSafetyIQ (fleetsafetyiq.com), a separate practice with its own hardware, pricing, and support.