



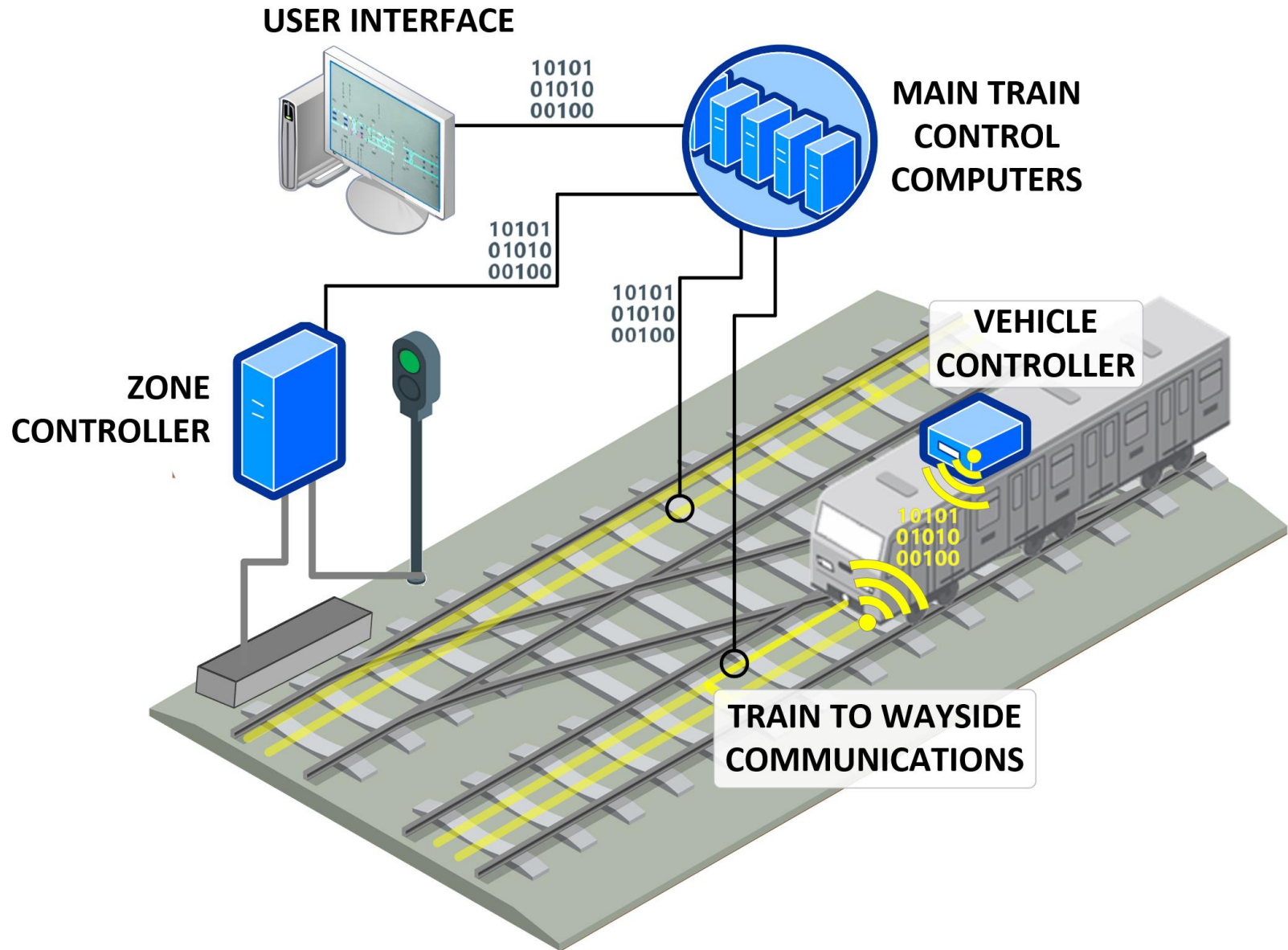
SFMTA

Thales Task Order Agreement

Contract No. SFMTA-2020-20-FTA

September 2020

Advanced Train Control System (ATCS)

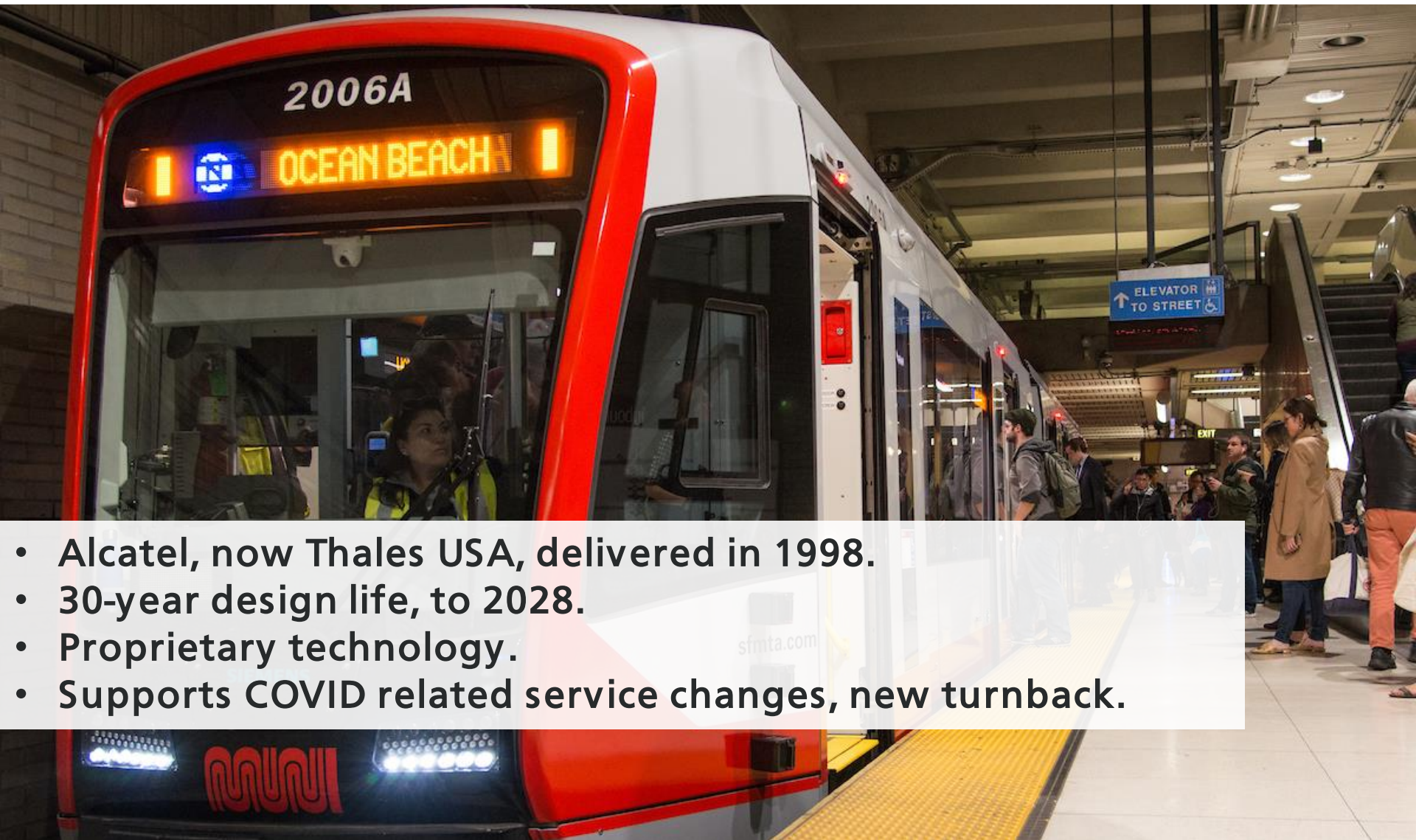


ATCS

- Managed from SFMTA Transportation Management Center using graphical interface.
- Provides data interface with station sign and automatic vehicle location systems.



Thales USA



- Alcatel, now Thales USA, delivered in 1998.
- 30-year design life, to 2028.
- Proprietary technology.
- Supports COVID related service changes, new turnback.

Purpose of Agreement



- Keep the lights on.
- Address equipment obsolescence and improve reliability.
- Adapt to changes to in Muni operations.
- Support track infrastructure construction.
- Fix software bugs.
- Ensure continuity of service through next generation upgrade.

How the Agreement Works



- Framework through which to procure Thales equipment and services.
- Eliminates need for frequent renegotiation of contracts.
- Fixes terms & rates for 7+2 years or up to \$30 million in work.
- Potential expenditures ~\$3.3m/year.
- \$30m not allocated today. Funding review performed before each task authorized.
- Price, scope, and schedule of tasks individually negotiated.
- Procured tasks to follow normal contract approval thresholds.
- Third in a line of similar past task-order agreements.

With Your Support..

- West Portal Crossover Integration with Surface Interlocking
- Support of Muni Metro Special Trackwork Replacement Project
- Backup Control Center at 1SVN
- New Central Control Operator Training Environment
- Traditional Wayside Control Circuit Removal
- Activation of Additional Twin Peak Tunnel Crossovers
- Rapid Service Restoration after Systemwide Halt

