



GENESEE VALLEY REGIONAL TRANSIT SERVICE, ROCHESTER, NY
RTS Transit Center
(including Communications & AV Systems)

Project Description

Spanning a city block, this 87,000 sq. ft. Transit Center provides a consolidated indoor waiting space for an estimated 20,000 riders per day transferring to seven counties centered around Rochester, NY.

The new-build facility includes 26 indoor and two outdoor gates to accommodate up to 100 buses/hour. Designed to be environmentally friendly with energy-saving LED interior lighting, the RTS Transit Center features:

- Digital displays throughout the facility for bus schedules and updates
- An automated trip planner with an electronic ticket purchase option.
- Telephone systems and tactile floor plans to assist the visually impaired .
- Video surveillance and safety systems for all bus gates and waiting areas.

Archi-Technology's primary responsibilities for this important civic project included:

- Review of all technology related infrastructure and plans.
- Final coordination of all Telecommunications Rooms (TRs).
- Preparation of Digital Signage System RFP and management of related system hardware integration into the facility.
- Preparation of Voice Recorder RFP for both Phones and Radios.
- Overall coordination and equipment selection for text-2-speech phone system that allows visually impaired riders to look up routes

Challenges

One of the primary concerns within this facility is redundancy and resiliency. With a goal of 100% uptime, extra attention was paid to having multiple connections into the facility and the ability of the systems to operate independently of the primary systems.

With this being a first of it's kind in the local area, a number of new technologies were implemented to help the riders navigate the facility. Starting with only a basic concept, there were multiple systems design iterations to find the solutions that best met the needs of users and budgets.

Statistics

Total Project Cost	\$ 50,000,000
IT Project Cost.	\$ 2,200,000
Completion Date	2014

Project Contact

Please call 585.424.1952 for references or visit our website for more [project profiles](#).

ARCHI-TECHNOLOGY'S ROLE

Functions

- Strategic planning
- Systems design assistance
- Technology Clerk Of Works

Systems Coordinated

- Voice and network devices and associated infrastructure
- Distributed AV including digital signage and user kiosks
- Communications including phone and radio
- Telecommunications Rooms (TRs)



Technology Consultants for the 4th Utility

