



# WITH TASSTA, PUBLIC TRANSPORTATION COMPANIES CAN MONITOR ROUTES AND UTILIZE INSTANT AND EFFECTIVE COMMUNICATION

## SITUATION

Public transportation systems include a variety of transit options such as bus, light rail, and subway. These public systems usually require a fee to use and run at scheduled times. Many public transportation companies strive to expand the services they offer to increase ridership and decrease the use of automobiles, which helps to alleviate traffic congestion and pollution. Public transportation systems are often implemented at the local or regional level and can be supported by governmental initiatives.

TASSTA solutions provide a broad range of features that facilitate the communication of all drivers and central stations. In addition, it aids in providing a systematic way to locate the vehicles when they are in route.

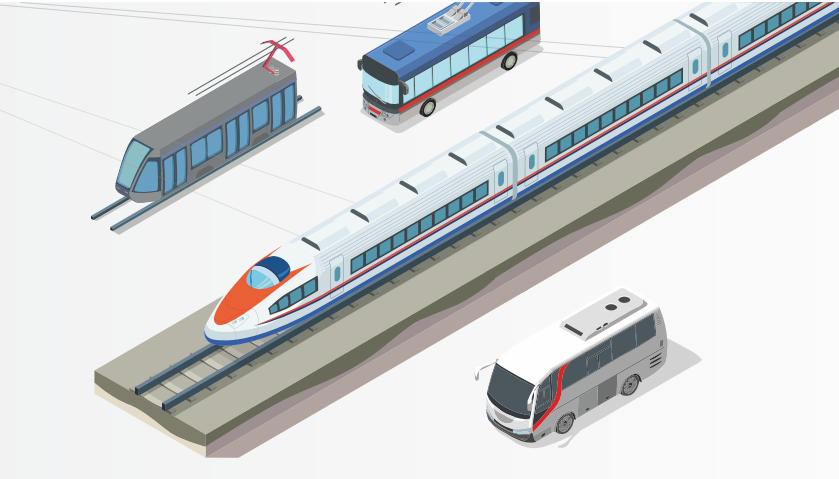


## MARKET CHALLENGES

Public transportation drivers always have a set route and schedule to follow as they provide their service. They focus on bringing people from A to B in a timely and efficient manner. Public transportation is a 24/7 business that can be very busy, so it must strive to be efficient and stay on schedule. Accomplishing this requires a robust communication network that allows constant contact with other operators, maintenance crews and dispatch.

Public transportation is typically considered a safer way of travelling than automobile, and also healthier for both, rider and environment.

TASSTA solution plays a large role in contributing to this and thus increases the well-being of passengers, drivers and everyone involved in the transportation chain.



## SOLUTION

TASSTA is a software development company with a background in Radio System Integration. TASSTA develops an innovative Push-to-Talk (PTT) communication solution, with advanced communication, organization and security features.

TASSTA T.Bridge is a professional middleware solution that integrates any professional mobile radio network with TASSTA T.Flex solution and helps your communication to become safer and more professional.

With TASSTA T.Bridge, all vehicles, drivers and the control centers receive a complete package of voice and data transmission. Well-known radio features such as group or individual calls, as well as GPS Localization, data, messages, task management and many others are provided. The TASSTA solution uses existing mobile networks and implement its gateway T.Bridge to provide a redundant solution to a potential mobile phone failure. A DMR system can be implemented as an emergency solution in the network's core where TASSTA T.Bridge connects both networks.

TASSTA T.Flex, the mobile application, enables all drivers to stay in contact with each other while T.Rodon controls all the activities of the T.Flex users and interacts with them from the command center, regardless of their location.

There is no need to purchase additional radios or communication devices since T.Flex can be installed on any Android or iOS mobile or fixed devices. Drivers can use TASSTA either on their own mobile devices or the existing devices from the company or onboard computers.

GPS positioning is very useful for anyone wanting to know the exact position of the user – so drivers relish this feature. Additionally it also is extremely useful for the Dispatch Control Center to track vehicles and the routes they take. GPS tracking can also provide a route history, which is stored on TASSTA server, so the control center can have an historical view of the exact route at any time.

TASSTA is ideal for the unique and challenging communication needs of any public transportation company. TASSTA keeps abreast of technology developments in the industry so that it continues to add features and functionality to its products. By simply turning a mobile device into a virtual radio, your device follows the regular radio behaviour and provides a large and highly developed number of communication and emergency features which can be configured easily.