



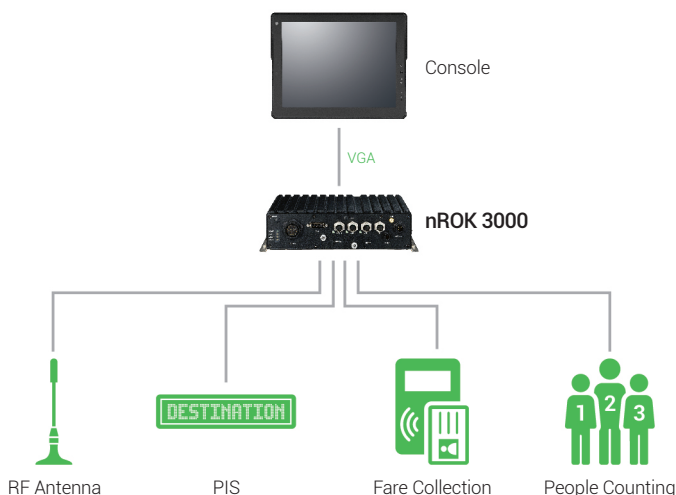
Rail Service

## NEXCOM Rail Computer Combats Fare Evasion & Unveils True ROI by Counting Ridership



Calculating ridership allows rail service operators to put their profitability under close scrutiny. In the rail operation, the number of passengers using a rail service has several important applications, enabling rail service operators to evaluate the scale of fare evasion, assign fixed operating costs to a route, and adjust service schedules. Making precise and reliable calculation of the ridership, therefore, holds great significance and is tasked to NEXCOM rail computer nROK 3000.

In a real case scenario, NEXCOM nROK 3000 is installed on trains to collect accurate headcounts along with boarding points and times of passengers. The information combined empowers the rail service operator in this case to not only determine revenue losses by comparing ridership with collected fares but also appeal for government grants for running a particular route. Digging further into the information, the service operator gains a deep understanding of how to amend train schedules and routes to improve the number of passengers per stop. A good balance between business profitability and service quality can now be achieved through the close monitoring of key performance indicators including revenue per passenger mile, operating costs per passenger mile, and the number of passengers per vehicle.



### nROK 3000

- Power-efficient Intel® Atom™ processor D525
- IP65 protection and fanless design for high system reliability
- Diverse I/O interfaces for ease of system integration
- EN50155 certification for use in rolling stock applications
- Rich software utilities to accelerate the development of applications

