

Our Design,
Your Success!

NW-4G LTE Modem Board for Transit: Buses, Tramway, Signs, Waiting Stations

Custom made by NeuronicWorks Inc.



What do we offer?

- NeuronicWorks has developed the NW-4G LTE, a cellular communication modem designed to replace the 2G & 3G modems that carriers will no longer support between 2020 and 2025.
- Our modem fits INT, Innovation in Transportation Inc., circuit designs for buses and bus station signs.
- We update your legacy system by replacing the cellular modem and we keep the entire system as it is. **No need to develop a new one.**
- We can continue to update such legacy systems for years to come and make the modem compatible with any new communication available, such as 5G.

More than just a Modem!

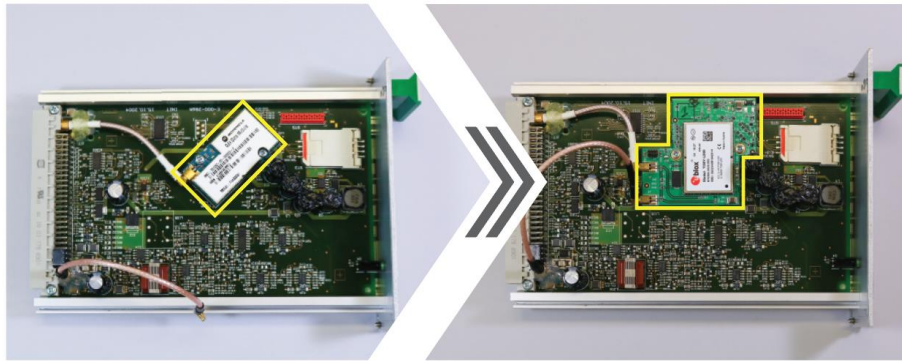
- The NW-4G LTE was specifically designed for the public transit industry to replace the Motorola G-series modems that are no longer available on the market.
- Our Embedded Software and Modem Layout perfectly match systems made by INIT.
- Our services include:
 - Further customization if needed
 - System integration
 - Firmware updates



Motorola G24 Modem

NW-4G LTE

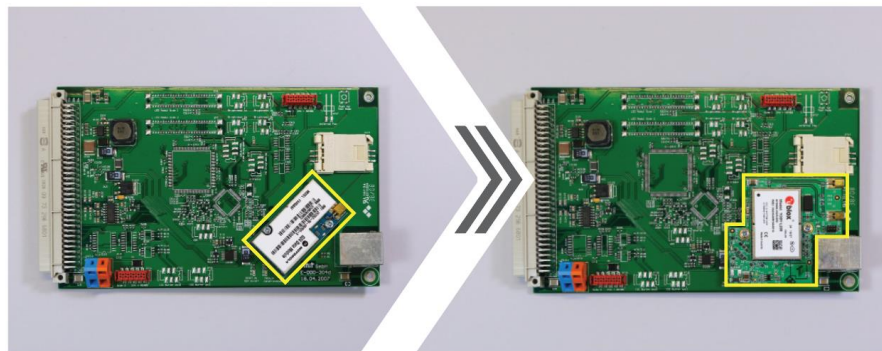
Init Bus PCB



With Motorola G24

With NW-4G LTE

Init Sign PCB



With Motorola G24

With NW-4G LTE MB

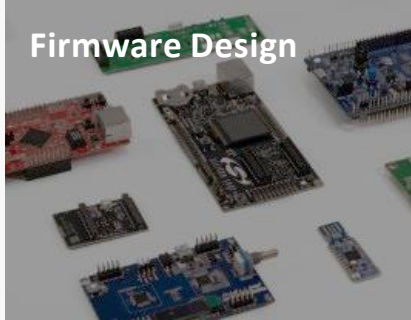
And significant benefits

- Preserve your existing legacy system and extend its life.
- Save costs associated with acquiring, testing and integrating a new system.
- Maintain your systems and only update the cellular connectivity.

Hardware Design



Firmware Design



Software Design



Web and App
Design



Graphic Design



Industrial Design



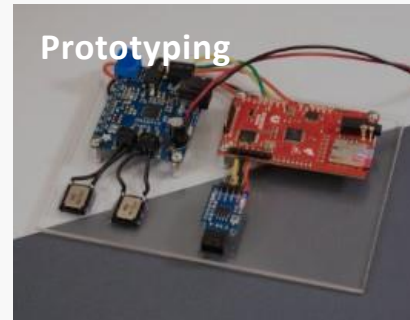
Mechanical Design



Manufacturing



Prototyping



Who we are

NeuronicWorks Inc.
is an engineering design
consultancy specialized in
electronics and hardware
development.

**Servicing Transit and
11 other industries**



Operating since 2009



Our Customers in Transportation

- 1. York Region Transit** – NeuronicWorks replaced their 2G Motorola G-series modem on the legacy systems made by Init Innovations in Transportation Inc. Services included the hardware & firmware designs, testing, certification and manufacturing.
- 2. dynaCERT - Hydragen™** is a portable, safe and reliable aftermarket unit that produces hydrogen and oxygen on demand. dynaCERT designed a product for on-road applications with class 6-8 engines. With its patent-pending delivery method, dynaCERT technology is centered around providing a hydrogen-oxygen mixture, generated through electrolysis, for internal combustion engine.
- 3. "Under NDA"** - Multiple hardware design projects were made for a ground transportation solution company with more than 8,000 employees servicing mainline rail, metro, tramway and light rail transit, bus and road. This company has more than 100 customers in more than 50 countries.

Official Design House Partners



WE WORK WITH THE BEST SO YOU CAN HAVE THE BEST!

Customized solutions

Superior training

Prioritized and
continued support

The best and latest
technology

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