



Onboard iPaaS

WHAT IS ONBOARD IPAAS?

Onboard iPaaS is a powerful, easy-to-use integration Platform as a Service (iPaaS) that safely and securely joins applications and data together in the K-12 transportation space. With Onboard iPaaS, you can truly maximize the value of the data generated by your transportation department. Tyler Onboard makes data integration simple while ensuring your information stays secure.

Data exchange in K-12 transportation used to mean transferring data between student information systems and bus routing software. Modern school buses have evolved into intelligent vehicles that generate massive amounts of data. Today, districts and contractors are using technology from many vendors, and it is often a struggle getting systems to talk to one another. If a bus misses a stop, on-vehicle technology generates a message to alert the transportation department, while parents receive a message that the bus is going to be late. If an engine misfires, the mechanic now sees a work order in their fleet management software, and the driver receives a message to pull their bus into a specific bay at the end of their run. School buses are now part of the Internet of Things (IoT). When these systems talk to each other and pass data back and forth, that's IoT at work.

Realizing the benefits of school bus IoT requires extensive integration. That's where Onboard iPaaS comes in. While district leaders are busy ensuring safe transportation of students, Onboard iPaaS is working in the background. Each device, sensor, and system generating data on the bus needs somewhere to exchange that data — Onboard iPaaS is that place. Onboard iPaaS isn't just for devices on the school bus, it's for all the aspects of your transportation operations such as routing software, fleet maintenance software, and parent applications. They can all exchange data with ease with Onboard iPaaS.

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OVERVIEW

- Tyler K-12 school solutions empower districts to bridge the silos of information between their departments with integrated software designed specifically for school districts.
- With the introduction of Onboard iPaaS, districts now have a way to exchange data efficiently, safely, and securely between transportation solution providers.
- Contact your technology providers today to ask if they are part of Tyler's Onboard iPaaS partner network.

ONBOARD IPAAS PROVIDES

- **Simplicity** — Onboard iPaaS does the work. Once your transportation solution providers connect their solutions to Tyler Onboard, your data will be available to those who need it. No need to involve your IT department.
- **Security** — Onboard iPaaS utilizes end-to-end security measures with multi-factor authentication for all data transactions and API requests to help ensure data is only accessed by approved parties.
- **Redundancy** — As a cloud-hosted product, Onboard iPaaS has access to computing and storage resources whenever they are needed. It leverages a scalable, reliable, and secure global computing infrastructure that ensures your data is readily available.
- **Support** — Onboard iPaaS supports multiple programming languages. When transportation solution providers need help, they can speak directly with an Onboard iPaaS developer who understands their development language.

WHAT CAN YOU DO TO GET STARTED?

Contact your technology providers today to ask if they are part of the Onboard iPaaS partner network. If not, direct them to learn more at tylertech.com/onboard so that they can provide you with fast, secure, simple integration for every piece of your transportation technology stack. After all, it's your data; make it work for you.