



School bus operating platform that enables reliable and efficient operations through robust scheduling, dispatch and payroll functions.

- Create and maintain annual schedules
- Manage daily schedule changes
- Monitor daily dispatch with real time status alerts
- Track on-time performance at stops and schools
- One-click guarantee and overtime calculations
- Produce time and attendance records for export to payroll system
- Single view into planned vs. actual route data



Time Clock



Scheduling and Dispatch



GPS Integration



Payroll Module



Routing Systems Integration



Analytics Reporting



Transforming Data Into Insights



1805 N.Mill St., Suite H, Naperville, IL 60563  
 www.bytecurve360.com  
 www.bytecurve.com  
 8474779858  
 sales@bytecurve.com

## HOW OUR SOLUTION WORKS

- Complete one time setup by yard / location
- Setup annual schedule with drivers and vehicles assignments to routes
- Generate and manage daily route changes / driver and vehicle assignments
- Dashboard will automatically update clock-ins, yard and school departures / arrivals.
- Daily dashboard will be refreshed every 60 seconds for in-progress routes.
- Exceptions (such as late clock ins or late arrivals at schools) based notifications.
- Easy payroll review with planned hours, actual hours and payroll hours on one screen.
- Calculate guarantee / overtime based on pre-set rules.
- Finalize gross payroll and one-click submission of pay file
- Robust reporting available to view on-time performance, route optimization and worked hours management.

## KEY ISSUES

- No single platform to bring routing, GPS, and payroll data together.
- Routing systems don't have a robust scheduling / daily dispatch function.
- Daily changes to driver, vehicle assignments and routes is done on paper.
- GPS is mostly used to find location of bus.
- Difficult to analyze scheduled, actual, and paid hours.
- Difficult to monitor and track route on-time performance.
- Almost impossible to do root cause analysis for delayed routes on a pro-active basis.
- Lack of robust reporting and actionable KPIs

## KEY USERS



Transportation director / Operations supervisor



Dispatchers



Drivers / Aides



Payroll Administrator



Management (For reporting)

Task Name	Request	Day of Week	Driver	Vehicle	Task Start	Task End	Task Type	Task Duration	Task Status	Task Location	Task Time	Total Time	Task Type	Total Time	Task Status
NH0501	AF	MTWTF	AT Dapine	A001	07:00 AM	07:15 AM	15	15	07:00 AM	07:15 AM	15	07:00 AM	07:15 AM	15	07:00 AM
NH0502	AF	MTWTF	Ben Miller	A001	07:15 AM	07:30 AM	15	15	07:15 AM	07:30 AM	15	07:15 AM	07:30 AM	15	07:15 AM
NH0503	AF	MTWTF	AT Dapine	A001	07:30 AM	07:45 AM	15	15	07:30 AM	07:45 AM	15	07:30 AM	07:45 AM	15	07:30 AM
NH0504	AF	MTWTF	BT Murray	C001	07:45 AM	08:00 AM	15	15	07:45 AM	08:00 AM	15	07:45 AM	08:00 AM	15	07:45 AM
NH0505	AF	MTWTF	BT Murray	C001	08:00 AM	08:15 AM	15	15	08:00 AM	08:15 AM	15	08:00 AM	08:15 AM	15	08:00 AM
NH0506	AF	MTWTF	DT Dapine	A001	08:15 AM	08:30 AM	15	15	08:15 AM	08:30 AM	15	08:15 AM	08:30 AM	15	08:15 AM
NH0507	AF	MTWTF	DT Dapine	A001	08:30 AM	08:45 AM	15	15	08:30 AM	08:45 AM	15	08:30 AM	08:45 AM	15	08:30 AM
NH0508	AF	MTWTF	BT Murray	C001	08:45 AM	09:00 AM	15	15	08:45 AM	09:00 AM	15	08:45 AM	09:00 AM	15	08:45 AM
NH0509	AF	MTWTF	BT Murray	C001	09:00 AM	09:15 AM	15	15	09:00 AM	09:15 AM	15	09:00 AM	09:15 AM	15	09:00 AM
NH0510	AF	MTWTF	AT Dapine	A001	09:15 AM	09:30 AM	15	15	09:15 AM	09:30 AM	15	09:15 AM	09:30 AM	15	09:15 AM
NH0511	AF	MTWTF	AT Dapine	A001	09:30 AM	09:45 AM	15	15	09:30 AM	09:45 AM	15	09:30 AM	09:45 AM	15	09:30 AM
NH0512	AF	MTWTF	BT Murray	C001	09:45 AM	10:00 AM	15	15	09:45 AM	10:00 AM	15	09:45 AM	10:00 AM	15	09:45 AM
NH0513	AF	MTWTF	BT Murray	C001	10:00 AM	10:15 AM	15	15	10:00 AM	10:15 AM	15	10:00 AM	10:15 AM	15	10:00 AM

## KEY BENEFITS

- Daily dashboard with real time GPS and Clock-in updates
- Manage annual schedule / assignments
- Auto generate and manage daily dispatch
- Real time reporting of on-time performance
- Single view into planned vs. actual route data
- Easy payroll processing based on robust guarantee / OT rule engine
- 80% functionality driven by one time setup
- SaaS based secured-platform with easy setup