

Cubic NextBus Suite

Transit Management as a Service

Cubic NextBus Suite

Cubic NextBus will deliver the industry's most intuitive trio of real-time passenger information, proactive transit operations and mobile fare payments.



Route	Destination	Time
1	29th St Trol	5min
15	29th St Trol	2min
15	29th St Trol	2min
15	29th St Trol	2min
1	Grossmont Trol	3:59

Cubic's NextBus Suite empowers with accurate information, simplifies operations and enhances the transit experience.

The Next Generation of NextBus

Announcing the NextBus Suite by Cubic, a next-generation platform for multimodal transit agencies, authorities and operators. As the future of NextBus, it delivers Transit Management as a Service (TMaaS) including a growing collection of services, software and hardware to support:

- Real-Time Passenger Information (RTPI)
- Proactive Transit Operations
- Mobile Fare Payments

The NextBus Suite will provide advantages, benefits and capabilities that can extend far beyond the traditional boundaries of transit management systems.

Accelerating Transit Innovation

Today's passengers expect a richer travel experience with innovative services offered at an accelerating pace. The NextBus Suite builds the foundation for a TMaaS environment enabling rapid evaluation, deployment and support of modern transit capabilities. Its cloud infrastructure maintains system responsiveness at any scale, and a Software-as-a-Service (SaaS) architecture enables updates and improvements without interruption. The NextBus Suite will make it faster and easier to improve travel.

The Best of Cubic and NextBus

Many of the largest metropolitan regions worldwide leverage Cubic resources and expertise to support their exceptionally complex and diverse transit environments. More than 100 medium and small-sized agencies, authorities and operators choose NextBus to manage their multimodal travel. The NextBus Suite will combine the reliability, safety and security of Cubic services with the agility, responsiveness and innovation of NextBus software.

Fully Integrate Transit Information, Operations and Payments

The NextBus Suite will provide comprehensive transit management capabilities and offer a pragmatic alternative to creating systems by interconnecting the hardware, software and services of multiple industry vendors and service providers. Inherent integration will reduce complexity, and this will make the NextBus Suite faster to learn and easier to use than unique systems built through custom integration. This level of NextBus Suite integration creates exclusive benefits including access to contextually rich information and broader use of static and dynamic transit data.

Create a Modern and Software-Defined Transit Environment

The evolution of technology is accelerating, and transit agencies, authorities and operators need to maximize their flexibility to adapt. That's why Cubic is announcing the new NextBus Suite, a software-centric service with an open hardware approach, to enable the next generation of transit environments to perform optimally.

Enhance Data Centers, Cybersecurity and Consumer Privacy

Businesses of all sizes and industries are transforming their data centers with cloud technologies, and the NextBus Suite makes it easier to do this for transit environments. The benefits of moving mission-critical infrastructure to the cloud include simplified technology administration, better physical security and stronger data protection. Cubic is a global leader in maintaining global cybersecurity and protecting consumer information worldwide and incorporates this expertise in the NextBus Suite.

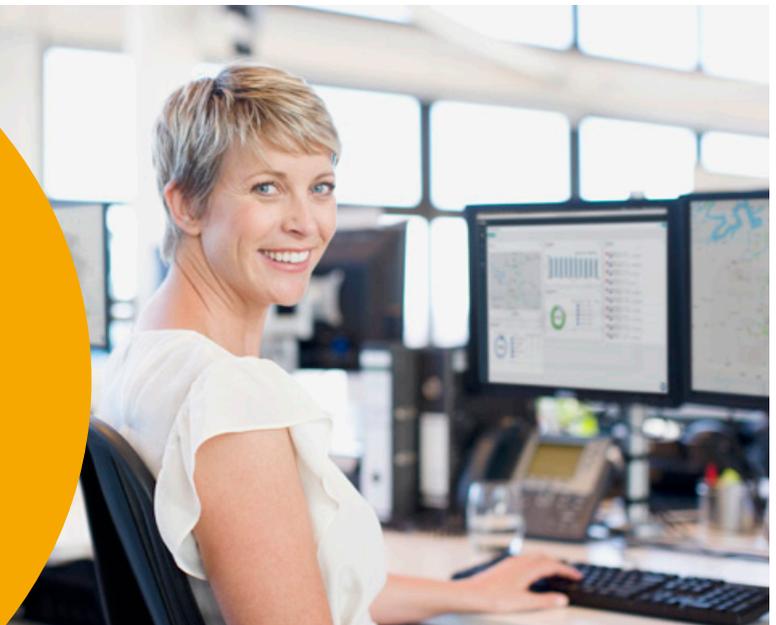


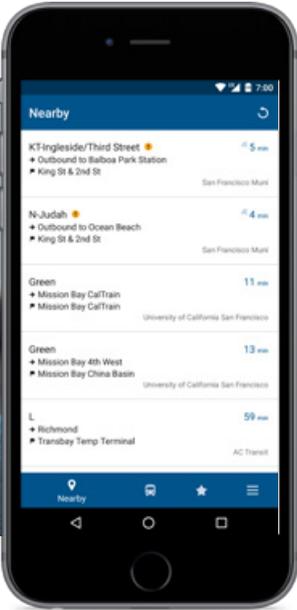
Cubic NextBus Suite Benefits

		Benefits	
		Agency	Travelers
			
NextBus Information 	Displays and Signs (LCD, e-Ink, LED)	●	●
	Interactive Voice Response (IVR)	●	●
	Mobile App for Smartphones	●	●
	On-Board Passenger Information System	●	●
	Short Message Service (SMS) for feature phones	●	●
	Website Portal with ADA Option	●	●
NextBus Operations 	AI Predictions with Machine Learning	●	○
	Automated Passenger Counter (APC)	●	○
	Automatic Vehicle Location (AVL) Data	●	○
	Driver Control Unit with Turn-by-turn Navigation	●	○
	Dynamic Data Including Traffic and Weather	●	○
	Engine Diagnostics Vehicle Maintenance	●	○
	On-Time Performance for Schedules and Headway	●	○
	Open APIs including GTFS-RT, SIRI, JSON	●	○
	Operations Portal with Live and Replay Maps	●	○
	Payment Validator	●	○
	Real-Time Dashboard	●	○
	Reporting and Analytics	●	○
	Revenue Management	●	○
	Schedule Editor	●	○
	Schedule Management	●	○
Static Data including Events	●	○	

● Direct Benefits ○ Indirect Benefits

The NextBus Suite will provide advantages, benefits and capabilities that can extend far beyond the traditional boundaries of transit management systems.



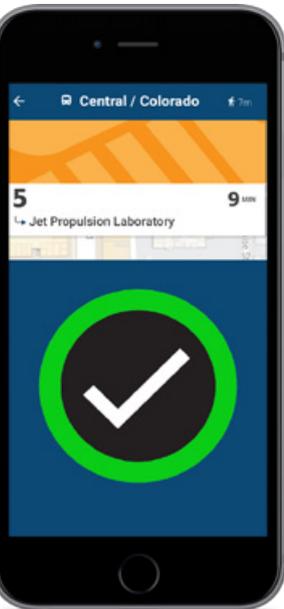
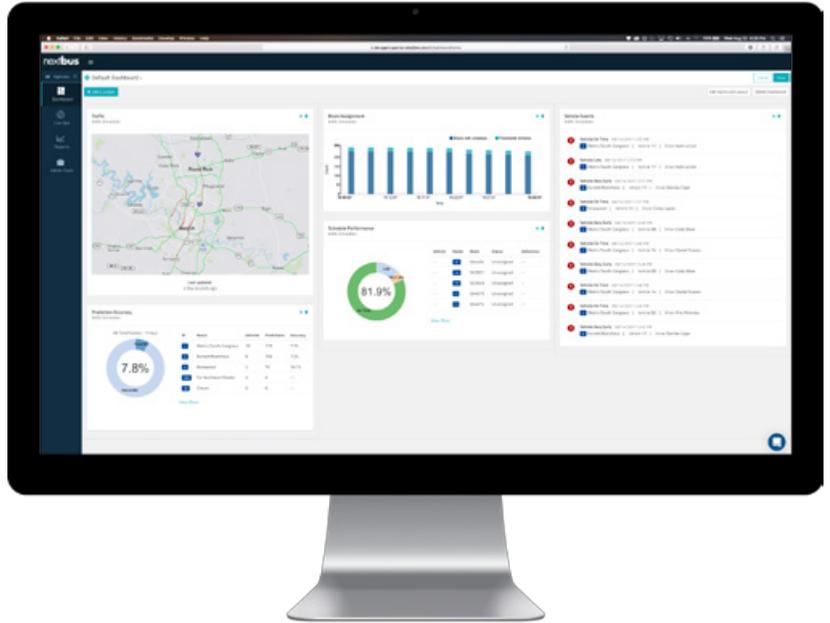


NextBus Information

Empower travelers with richer information in more places. NextBus Information delivers more accurate and richer contextual information in more channels than ever—including mobile, energy-conscious and high-resolution displays at transit stations, bus stops and vehicles—and a suite of APIs that support open data. Transit agencies can leverage the centralized management and orchestration of this information to interact with passengers along their travel and improve their transit experience.

NextBus Operations

The new generation of operations tools will enable agencies to proactively manage on-time performance, which is the linchpin of customer satisfaction. NextBus Operations delivers advanced capabilities in one portal that includes dynamic maps with real-time and historical data, user configurable dashboards with widgets, instant access to rich contextual information and reporting across multiple data sources.



NextBus Payments

Improve convenience for travelers with smartphones using the NextBus Payments portion of the NextBus Suite. NextBus Payments will add an online account, mobile payment and electronic ticket capability to the NextBus Information mobile app for travelers. It will also provide self-service and managed service options for customer service and revenue management to agencies, authorities and operators.



NextCity – building a smarter tomorrow

The Cubic NextBus Suite is inspired by NextCity, Cubic’s vision for city management and integrated traveler payment and information that centers on three core principles: the delivery of an integrated customer experience, one account and integrated operations and analytics.

As the world’s population moves to urban centers, the result is greater traffic congestion, frustrated travelers and lessened productivity. Intelligent and actionable information is the key to ensuring that everything is running as smoothly and efficiently as possible within the travel networks – and will empower travelers to make smarter, more informed decisions based on facts. NextCity provides a roadmap for a coordinated framework – using legacy and emerging payment methods and information systems to integrate all travel information and payment, customer experience, operations and analytics in the region for all modes of transportation.

The NextCity vision is built on a model for real-time data gathered across a transportation network through payments, sensors and other touchpoints, increasing travel efficiencies without losing individual authority flexibility. For travelers, this means personalized, actionable information sent directly to their mobile device, all supported by a single account to pay for their entire trip.



Cubic – a leader in intelligent travel solutions

At Cubic, we believe our identity is intrinsically linked with our customers, and the people our customers serve: how they get from one place to the next – how that impacts their lives, their fellow travelers and their cities – and how it feels along the way.

That’s why we’re passionate about developing transportation solutions that improve the way we move throughout cities. Innovation is in our culture, and our history speaks for itself. In our 45-year history, we’ve delivered public transportation fare collection systems to over 450 operators, including 20 regional back office systems, and traffic and transportation management systems for major cities and regions on four continents.



Cubic Transportation Systems, Inc.

5650 Kearny Mesa Road
San Diego, CA 92111
TEL: +1.858.268.3100
ctsinfo@cubic.com
cubic.com/transportation