



U.S. Department of Transportation
Federal Transit Administration

Bus Compartment Redesign Program (BCP) and Bus of the Future

FTA is collecting feedback on these topics:

- **Operator Compartment, Safety, Protection and Health**
- **ADA Compliance, Universal Design and Accessibility**
- **Passenger Compartment, Safety, Comfort and Convenience**
- **Customization and Emerging Technologies**

Please provide answers to any of the following questions. We welcome additional questions, comments, or concerns on these and/or related topics.

1. What key safety features are needed in a bus operator compartment/barrier?
2. What features are important for operator health and comfort?
3. What safety features would be important for vulnerable road users such as pedestrians and bicyclists? For example, cameras on the outside of the bus.
4. Are there any additional safety features that should be considered? For example, blind spot detection and advanced driver assistance automation such as automatic braking.
5. What accessibility features and functions are critical to improve access to buses by people with a variety of disabilities?
6. How can we facilitate better bus cabin designs for wheelchair securement and access?
7. How can bus interiors be designed for greater passenger comfort and convenience?
8. How can we reduce bus customization? For example, more than 60 different intelligent transportation system devices can be added or major components like HVAC systems can be changed. increasing costs and manufacturing time.
9. Do you see your organization investing in emerging technologies in the future, such as transit bus automation, driver assist and lane departure systems, etc.? What are the potential drawbacks or challenges that need to be considered?

Responses must be submitted through the [Federal Register Notice Docket](#) by July 24, 2023.