

<b>Component</b>			<b>Source</b>
<b>Service</b>	<b>Function</b>	<b>Sub-Function</b>	<b>Requirement</b>
Transit Route Equipment			
AM			
MUSA			
MSU			
4.2.2.004	Service usage data shall be collected for Ride Matching and Reservations Service.		Derived
4.2.2.006	Service usage data shall be collected for Public Transit Usage.		USR 2.1.1.1
4.2.2.012	Service usage data collected for Ride Matching and Reservation shall include ride completion data, including date and time of each service usage and service options used.		Derived
4.2.2.016	Service usage data collected for the Public Transit Service shall include number of passengers getting on and off a vehicle at each stop.		USR2.1.1.1, 2.3.3.1,3.1
4.2.2.018	Service usage data collected for the Public Transit Service shall include passenger trip origin, destination, and associated times.		Sbus 56-2
4.2.2.019	Service usage data collected for the Public Transit Service shall include fares collected by fare category.		USR 2.1.1.1 ,Sbus 56-2
4.2.2.020	Service usage data collected for the Public Transit Service shall include fares calculated based on distance traveled.		Sbus 59-2
4.2.2.021	Service usage data collected for the Public Transit Service shall include miscellaneous fees collected (eg. bicycle locker rentals at transit stations).		GGO 29.5.2
SBP			
4.2.3.015	Service payments shall include payment for Ride Matching and Reservations Service.		SR 3.1.4.4, GGO 13.5.2,
4.2.3.017	Service payments shall include payment for Public Transit usage.		SR 3.1.4.4, GGO 13.5.2,
4.2.3.020	Service payments shall be accepted via electronic pre-payment methods (eg. Debit cards).		USR 2.4.3.1,3.1.0, 3.1.1
4.2.3.021	Service payments shall be accepted via credit card transactions.		USR 2.4.3.1,3.1.0,3.1.1
4.2.3.022	Service payments shall be accepted via SMART card transactions.		USR 2.4.3.1,3.1.0,3.1.1

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		4.2.3.023	Service payments shall be accepted via PROXIMITY card transactions.	USR 2.4.3.1,3.1.0,3.1.1
		4.2.3.025	A single payment media shall be supported for all transportation services.	USR 3.1.2.1
		4.2.3.026	A single payment media shall be supported for transportation services and other uses, such as retail purchases, utility bills, etc.	USR 3.1.2.6
		4.2.3.027	A payment confirmation shall be sent to each user.	USR 3.1.1.3
		4.2.3.028	Voided or invalid payment media shall be detected.	USR 3.1.2.3
		4.2.3.029	Service payments that are insufficient or past due shall be detected.	Derived
TFM				
	<b>MAIN</b>			
		<b>MAIN</b>		
		7.3.1.005	Two-way data communication shall be provided to link transit stops with the fleet management facility.	USR 2.3.5.4, Sbus 43-4
	<b>MFO</b>			
		<b>MPU</b>		
		7.2.3.003	Transit service usage data including the number of passengers getting on and off the vehicle shall be automatically counted at each transit stop, and saved for future analysis. (Rationale: needed to develop pricing strategies that favor certain modes or routes.)	USR 2.1.1.1,2.3.3.1,3.1
		<b>TRS</b>		
		7.2.2.001	Transit vehicle location shall be determined automatically.	USR 2.3.3.1, SB 59.4.1
		7.2.2.002	Transit vehicle location shall be determined to an accuracy of +/- (TBD) meters.	USR 2.1.1.1, SB 59.4.1
	<b>PFO</b>			
		<b>STT</b>		
		7.1.2.001	Historic schedule adherence information shall be collected and stored. (Rationale: needed for transit stop schedule adjustment.)	USR 2.1.2.2.1