



**New York City Transit**  
Department of Buses

REQUEST FOR INFORMATION (RFI) #:  
Digital Operator Vehicle Condition Report  
Reply Date: \_\_\_\_ February 28<sup>th</sup>, 2023 \_\_\_\_\_

New York City Transit / MTA Bus (NYCT/MTAB), agencies of the Metropolitan Transportation Authority (MTA) are seeking to identify potential solutions and providers that may be interested in developing, delivering, and maintaining a digital Operator Vehicle Condition Report (OVCR) system to meet the following operating needs:

- Provide Bus Operators a versatile and easy to navigate component or components to record and submit pre/mid/post trip vehicle inspection results
- Allow managerial and supervisory staff to manage (view, markup / approve, categorize, report) submitted condition statuses for their respective depots and bus fleets
- Provide for longevity and integrity of inspection data to support reporting, data retention, and auditing requirements. Facilitate other highly MTA-specific operations and maintenance workflows through collected inspections data, particularly creating work orders from the inspection results in MTA's work order management (Spear) system.

This request for information is not a solicitation for actual bids, which may be solicited by means of a Request for Proposal (RFP) at a future date, nor is this a solicitation for general marketing of individual vendors. The purpose of this RFI is to identify the best currently available options (if any) to meet the current needs for a fully electronic OVCR inspection system. NYCT/MTAB is open to both newly developed and component-off-the-shelf (COTS) systems. Proposers with similar successfully deployed systems are encouraged to respond.

NYCT/MTAB's ideal solution would be able to:

- Meet the operating needs described above
- Comply and facilitate compliance with all applicable federal and state inspection regulations
- Comply with all applicable MTA cybersecurity requirements
- Use or permit open (non-proprietary) standards for data collection, long-term storage, and retrieval and avoids proprietary protocols to the extent possible to enable interoperability with the widest possible spectrum of other systems
- Minimize new hardware requirements, but make use of COTS, where feasible, for solutions recommending new hardware
- Highly available by design, for example, possibly including provisions for load balancing, temporary fallback and / or degraded modes
- Transmit inspection results data wirelessly from the point of collection to a central storage



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- Be able to tag any inspection records, updates or signoffs and system configuration changes with identifying attributes including but not limited to user accounts and timestamps
- Able to define and modify user roles and associated privileges
- Provide resiliency in the event of data transmission interruption to ensure that data loss is avoided or minimized
- Add/remove inspection categories and items
- Make inspection data submitted by users available to other stakeholders in near real time, subject primarily only to network lag

When preparing your submission, please review and address in writing your approach to the above requirements. Include a description of your company, a brief overview of your system, and a list of properties (if any) with contact information that are presently utilizing the system being offered, and answer the following questions:

- Describe your company's approach to working with and training members of represented trades and any experiences overcoming challenges to adopting your system
- Describe your company's practices for maintaining and refreshing deployed software and hardware systems
- Describe your company's approach to third party suppliers (carriers, hardware, maintenance, etc.) and any mitigating measures to minimize supply chain disruptions
- How many installations of your proposed or similar solution do you have in operation today? Are any of these installations for transit / transportation agencies? If so, what are the sizes of each deployment?
- For existing deployments what has been the initial failure rate? The long-term failure rates?
- Describe any maintenance needs and considerations
- Describe any normal recurring operating expenses associated with your solution
- For existing deployments describe the current client support structure and average response time for critical issues
- For existing deployments describe any examples of your solution's interoperability or connection with other existing client systems
- Provide recommendations on the latest technologies or solutions which exceed the minimum described requirements listed in the RFI
- What features and functionalities differentiate your solution from those of your competitors?
- Describe the range of metrics that MTA would be able to measure while the system is in operation

Indicate a rough cost estimate for providing this product. Please describe your scope basis and what is not included in the estimate.



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Submissions should be sent to the address below no later than **Tuesday February 28<sup>th</sup>, 2023**

**New York City Transit  
2 Broadway, Floor 19, Office D19.122  
New York, NY 10004  
Attn: Jennine McNeil**

Tel (646) 252-6086

If you would like to make your submission electronically, please send it to [Jennine.mcneil@nyct.com](mailto:Jennine.mcneil@nyct.com) with the subject **[RFI] Digital OVCR**.

Please see images below for the paper based OVCR card currently in use by NYCT/MTAB.



New York City Transit  
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MTA: NEW YORK CITY TRANSIT  
OPERATOR'S VEHICLE CONDITION REPORT

ROAD CALL  
2021

ADDITIONAL BUS OPERATORS COMMENTS & PASS #

BRAKES		KNEEL	WHEELCHAIR/LIFT/RAMP
Long	<input type="checkbox"/>	Slow	<input type="checkbox"/>
Sharp	<input type="checkbox"/>	Not Working	<input type="checkbox"/>
Noisy	<input type="checkbox"/>	Won't Raise	<input type="checkbox"/>
Pulls L <input type="checkbox"/> R <input type="checkbox"/>		HEAT/AC	Won't Deploy <input type="checkbox"/>
ICC/Park	<input type="checkbox"/>	No Oper Heat	Won't Retract <input type="checkbox"/>
ENGINE		No Oper Heat	Restraint <input type="checkbox"/>
No Power	<input type="checkbox"/>	No Oper A/C	Lock <input type="checkbox"/>
Hard Start	<input type="checkbox"/>	No Pass A/C	DOORS
Smokes	<input type="checkbox"/>	No Defroster	Front <input type="checkbox"/> Center <input type="checkbox"/> Rear <input type="checkbox"/>
Overheat	<input type="checkbox"/>	Booster Blower	Too Fast <input type="checkbox"/>
Coolant Leak	<input type="checkbox"/>	LIGHTS	Too Slow <input type="checkbox"/>
Fuel Leak	<input type="checkbox"/>	Headlight	No Interlock <input type="checkbox"/>
Oil Leak	<input type="checkbox"/>	Interior Dome	Won't Close <input type="checkbox"/>
Stalls	<input type="checkbox"/>	Marker	Won't Open <input type="checkbox"/>
FIRE SUPPRESSANT	Tail <input type="checkbox"/> Brake <input type="checkbox"/>	ELECTRICAL	
Not Active	Turn Signal	Pass/Signal <input type="checkbox"/>	
Alarm	BODY	Buzzer/Unknown <input type="checkbox"/>	
EXHAUST	Loose <input type="checkbox"/> Missing <input type="checkbox"/>	Hom <input type="checkbox"/>	
Leaks/Fumes	Body Leaks	Radio Not Working <input type="checkbox"/>	
GAUGES/INDICATOR LIGHTS	Reflectors	Speak Easy <input type="checkbox"/>	
HEV Lights	Oper Coat Hook	Digital Info Screen <input type="checkbox"/>	
Check Engine	Visor	TCH <input type="checkbox"/>	
Volts	Driver Barrier	Log on <input type="checkbox"/>	
Air Low	Roof Hatches	USB <input type="checkbox"/>	
Oil Low	Body Damage	Wifi <input type="checkbox"/>	
Gen. Stop	Comp. Doors	Cameras <input type="checkbox"/>	
Exit Door	Dirty Interior	Voice Announcement <input type="checkbox"/>	
Trans	Flooring	WHEELS/TIRES	
Coolant Low	Steps - Front	LF <input type="checkbox"/> RF <input type="checkbox"/>	
SIGNS	Steps - Center	CENTER/TAG	
Front Dest. <input type="checkbox"/> Rear <input type="checkbox"/>	Stanchions	LRO <input type="checkbox"/> RRO <input type="checkbox"/>	
Side Dest. <input type="checkbox"/> Run <input type="checkbox"/>	Grab Rail	LRI <input type="checkbox"/> RRI <input type="checkbox"/>	
TRANSMISSION	Wipers	REAR	
Noisy	FIRE EXTINGUISHER	LRO <input type="checkbox"/> RRO <input type="checkbox"/>	
No Reverse	Missing	LRI <input type="checkbox"/> RRI <input type="checkbox"/>	
Won't Shift	Mis-charged	Damaged <input type="checkbox"/>	
Leaks	WINDOWS	Low <input type="checkbox"/> Flat <input type="checkbox"/>	
STEERING	Windshield <input type="checkbox"/> Door Glass <input type="checkbox"/>	Worn <input type="checkbox"/> Lug Loose <input type="checkbox"/>	
Loose	Passenger's <input type="checkbox"/> Operator's <input type="checkbox"/>	Lug Missing <input type="checkbox"/>	
Hard	Broken <input type="checkbox"/> Swinging <input type="checkbox"/>	Wheel Flag Missing <input type="checkbox"/>	
Shimmy	Won't Close <input type="checkbox"/> Won't Open <input type="checkbox"/>	Wheel Flag Misaligned <input type="checkbox"/>	
Pulls L <input type="checkbox"/> R <input type="checkbox"/>	GRAFFITI	FAREBOX	
Short Turn L <input type="checkbox"/> R <input type="checkbox"/>	Interior <input type="checkbox"/> Exterior <input type="checkbox"/>	Read Error <input type="checkbox"/>	
SUSPENSION	SEATS	Jammed <input type="checkbox"/>	
Front <input type="checkbox"/> Rear <input type="checkbox"/>	Operator	Lights Out <input type="checkbox"/>	
Right <input type="checkbox"/> Left <input type="checkbox"/>	Passenger	FARE VALIDATOR	
Air Leak	Operator's Seatbelt	Front <input type="checkbox"/> Center <input type="checkbox"/> Rear <input type="checkbox"/>	
Leaning	Other	MIRRORS	
Noises	Roaches	Inside Front <input type="checkbox"/>	
	Comments	Inside Center <input type="checkbox"/>	
		Outside L <input type="checkbox"/> R <input type="checkbox"/>	

DEPOT DATE

35-65-1706

SCAN BY MAINT.-RETURN TO TRANS.

Front of OVCR Card



**DO NOT USE FELT PENS!**

NAME: _____	PASS NO: _____
RUN: _____	ROUTE: _____ ON: _____ OFF: _____
COMMENTS:	

  

NAME: _____	PASS NO: _____
RUN: _____	ROUTE: _____ ON: _____ OFF: _____
COMMENTS:	

  

NAME: _____	PASS NO: _____
RUN: _____	ROUTE: _____ ON: _____ OFF: _____
COMMENTS:	

  

NAME: _____	PASS NO: _____
RUN: _____	ROUTE: _____ ON: _____ OFF: _____
COMMENTS:	

  

NAME: _____	PASS NO: _____
RUN: _____	ROUTE: _____ ON: _____ OFF: _____
COMMENTS:	

  

NAME: _____	PASS NO: _____
RUN: _____	ROUTE: _____ ON: _____ OFF: _____
COMMENTS:	

  

SUPERVISOR:	
NAME: _____	DATE: _____
SIGNATURE: _____	

Back of OVCR Card