

Laser crack measurement system

LCMS-4M

Upgrade your MMS for Pavement Inspection!

KEY BENEFITS

- 100x the typical resolution of mobile LiDAR
- Easy integration with MMS
- Automated cracking, rutting, potholes, manholes and more
- 1-10 PASER rating protocol output
- 95%+ repeatability
- High-resolution images with distresses
- ESRI SHP file output



**Eddyfi
Technologies**

Automated Vision Systems

Pavemetrics

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Cities and counties need accurate pavement condition data for their road network every year as an input into their pavement maintenance planning process.

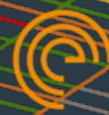
However, the inspection process is often time-consuming and entirely manual with engineers hitting the streets on foot to visually inspect and record distress information manually.

Mobile Mapping Systems fail to meet this need because LiDAR-based inspections do not have sufficient resolution and accuracy to

meet industry standards. As well, data processing is typically manual and requires the user to have pavement engineering-based knowledge.

Pavemetrics LCMS-4M MMS pavement sensor addon solves this problem by combining 3D triangulation technology with a fully automated workflow for reporting standards-compliant pavement condition scores ready for upload into city and county Pavement Management Systems (PMS).

Quality	Rating	Treatment
Excellent	9-10	No maintenance required
Good	7-8	Crack sealing and minor patching
Fair	5-6	Preservation treatments (non-structural)
Poor	3-4	Structural renewal (overlay)
Failed	1-2	Reconstruction



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