MetroCount[®]

Custom List Reports

The MetroCount tube-based and piezo-based systems record the precise time each vehicle axle touches their sensors. From this data, the MTE[®] software can later extract information such as axle spacings, speed, headway for every vehicle.

This in-depth level of detail enables MTE to produce a variety of traffic reports. To maximise the software's power, we developed the **Custom List Report** analysis tool.

The Custom List Report allows you to construct your own time-series text reports, from an

array of traffic parameters and formatting options. Once you've designed your Custom List, you can save the template for reuse. By changing the formatting, you can quickly alter a human-readable report into a one that's readily transferable to other software applications, such as Excel.

Careful selection of parameters and formatting options provides other software developers with great flexibility. Creating your own custom database applications, for example, or transferring data to a spreadsheet in .xml format are very easy tasks in MTE.

Creating a Custom List Report

- Start by clicking the New Report > Next buttons and from the Report Vortex, select the Custom List Report and click Next.
- 2. Verify that your report's profile is correct, make the required changes and click **Next**.
- 3. You arrived at the Custom List Favorites window. Select the predefined options you need or create a new template by clicking the **Modify...** button.

Report vortex	Custom reports			
Report Vortex Select the kind of report here	Custom List reports Create custom reports here			
Classification reports Event count reports Classification Charts Tables Charts Charts Charts Charts Charts Classification reports Event count reports Event count reports Event count reports Event count reports Charts Classification reports Event count reports Figure Pathodia Charts Figure Position Histogram Figure	Default Custom List favorites Class Bins Vitual Day and Week Class Bins vith 15-min drops Comma Separated Speed Bins Database example Individual Safety Camera Example (30-40) Safety Camera Example (50-60-70) Snovy Speed Bins with Grand Total Split Direction Class Bins TRADS Pretty TRADS Pretty	Modify Save As		
Special Special Charts primarily used to verify and audit data quality.	Remember last position Back Next >	OK Cancel		

MetroCount[®]

- The *Format* tab allows you to change general settings: data time steps (from 5 minutes to 24 hours), days groups, split direction, etc.
- 5. The *Fields* tab enables you to choose the traffic parameters you'd like to include in your analysis. Double-click **Available fields**

and **Selected fields** to swap parameters. Drag **Selected fields** to change their order across the report's columns.

 Click the *Advanced* tab to modify data display fields, such as Date and Time format or Partial and Percent totals, Direction codes, etc.

Custom List Properties ×	Custom List Properties X	Custom List Properties X
Format Fields Advanced XML	Format Fields Advanced XML	Format Fields Advanced XML
Time step for rows One hour One hour Children Ch	Time and date fields Count and sub-count fields Gass bin fields Sepeed bin fields Sepeed init fields Sepeed statistics fields Mass and axle loading fields Mass and axle loading fields Other fields Other fields Sepeed statistics Sepeed statist Sep	Himm Time format picture ddMMMyyyy Date format picture Fixed field 1 Fixed field 2 AB AB BA B-A Direction codes Partial totals Pi [2] 06:00 - 02:00 Pi [3] 00:00 - 00:00 Percent totals
Append Grand Total Append a Virtual Day Append a Virtual Week Autoscale to fit page width Enit every vehicle Include header information Page layout preference is landscape Field delimiter sample 0000 0001 0002 0003 Change	Selected fields (drag to change order) Selected Fields OI - 24-hour time (0000 - 2359) [Tme] II - Number in time step [Tota] I4 - Class totals [Cls] 25 - Average speed [Mean] 28 - Percentile speed [Vpp]	Profile Use private profile Show posted speed limit on graphs Show extra speed limits on graphs Output extended column legend Show times as interval end
OK Cancel	OK Cancel	OK Cancel

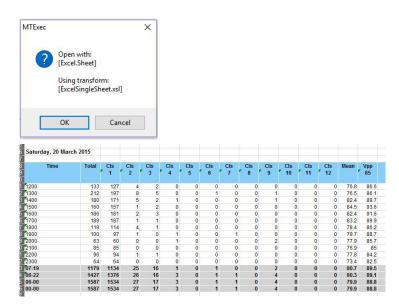
Producing a Custom List XML report and transferring it to Excel

- 1. Create a new Custom List Report.
- 2. Arrange your data, select the *XML tab* and toggle the *XML output* check box. Select the

XLS transform to Excel Sheet.xls. Click OK.

3. Select the Tools menu > Transform, Save and Open. Click OK.

ustom List Propert	es		×
Format Fields A	vanced XML		
Output data as Indent XML Use color syntax Force numeric d			
XSL transform			
- None -			~
ExcelSingleSheet x ExcelUnPaged xsl OpenOfficePaged x SouthWalesCam xsl WebBrowser xsl WordHTML xsl	sl		
Element	Content		^
Hereit UserElement 0	Content0		
UserElement 1	Content1		
"UserElement2			
"UserElement3			
BerElement4			
UserElement5			
UserElement6			
"UserElement7	Content /		*
		OK	Cancel



Australia

+61 8 9430 6164 sales@metrocount.com

United Kingdom

+44 208 782 8999 uksales@metrocount.com

United States

+1 301 497 6101

usasales@metrocount.com

Netherlands

+31 10 268 01 84 nlsales@metrocount.com