

Knowledge Base Article

Product Group: Software Product: CMSW7311 – Analysis and Reporting Manager (stand-alone); CMSW7400 - @ptitude Analyst ARM Add-On Version: 2.0; 8.0

Abstract

Why does SKF Analysis and Reporting Manager software show the incorrect Full Scale units when reviewing the data?

Overview

In SKF Analysis and Reporting Manager, there is an option to fix scaling for standard engineering units under Tools > Program options > Formatting. [Figure 1]

File option		Update	s/Reports	Other	Data Service
General	Formatting	Saving	Data strear	n Sour	ce Directories
	formatting (ordin er of significant <u>f</u> i		plitude value:	s: 3	
🗖 Use	e scientific <u>n</u> otati	on for all line	ear values		
🔽 Fixe	ed scaling for sta	ndard <u>e</u> ngir	eering units c	lata	
	formatting (abso		a carias:	6	
Numbe	Number of significant figures for time series:				
Number of significant figures for frequency domain:				in: 3	

Figure 1. Formatting option to fix scaling

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This ensures that the standard engineering units – such as $\ensuremath{\mathsf{IPS}}$ - are fixed to that format.

For example, if data were 0.01 IPS but the option above was not checked, ARM would add a scaler, displaying 10 mIPS.

For further assistance, please contact the Technical Support Group by phone at 1-858-496-3627, or by e-mail at <u>TSG-CMC@skf.com</u>.

