7th ASAM US Workshop Curpring

Cummins Field Performance Analytics

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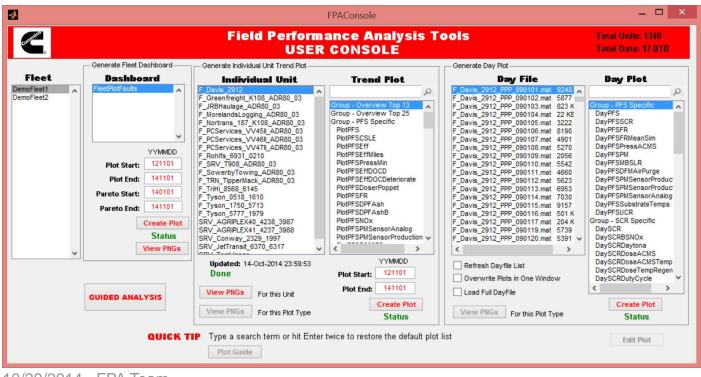






The Field Performance Analysis (FPA) System is an integrated platform that enables engineers to analyze the performance of field units that have been fitted with dataloggers in order to:

- ✓ Characterize system performance
- ✓ Develop & verify designs
- ✓ Identify & troubleshoot issues





FPA is built on **trend analysis** and **data visualization**, and is embedded with system knowledge that enables efficient and proactive analysis.

It is highly scalable in three dimensions

- ✓ Types of platforms & applications
- ✓ Types of features
- ✓ Types of users

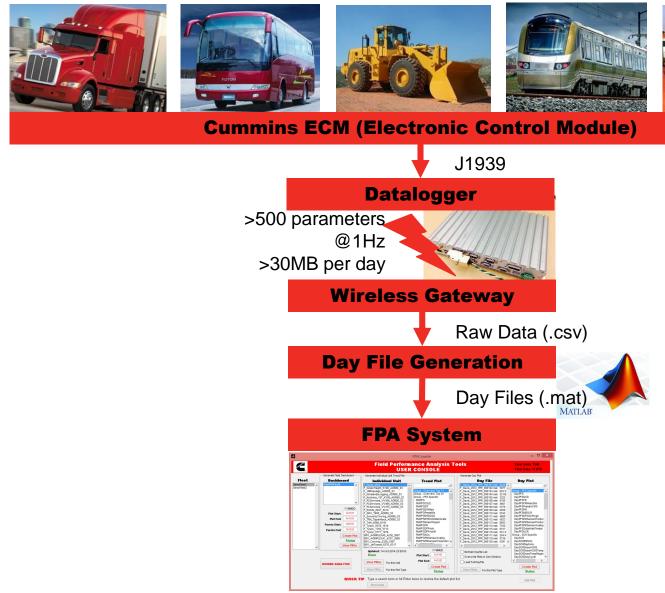






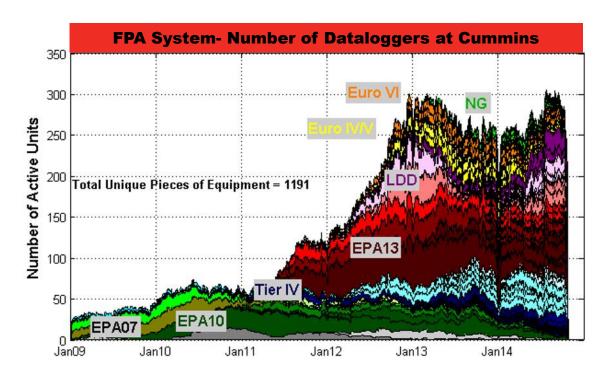








- Internal and external customer applications
- >50 unique engine-aftertreatment platforms
- >2 million hours and 50 million miles of data
- >1000 datalogged units





- >700 users across Cummins
- Intranet Wiki access for non-Matlab users
- Multiple host-sites around the world

