

Test Cell Upgrade with CyFlex

Benefits:

1. Leverage existing mechanical and electrical systems while benefiting from the latest measurement, control, simulation and test technology.
2. Reduce capital expense
3. Increase test quality and productivity
4. Centralize data storage

Integration Highlights:

1. CyFlex was designed to integrate well with existing hardware as well as new
2. CyFlex was designed to integrate well with product development processes

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An Application of CyFlex

CyFlex is an ideal solution for test cell upgrades. CyFlex can be configured to extend the life of existing assets; hardware with proven reliability and performance



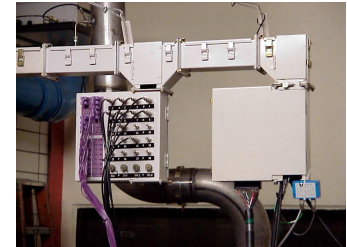
can be retained. This also minimizes test cell downtime. The result

is a test system that is designed for the future but can easily incorporate the present.

The CyFlex experience gained in the test cell upgrade process can be extended to test rig upgrades.

CyFlex solution packages that support test cell upgrades:

- Operator consoles
- Instrumentation pedestals and overhead booms: electronics, transducers, and termination panels
- Test cell and facility control interfaces
- High-speed data acquisition solutions: time-based or externally triggered



Mix new hardware, instrumentation and packaging with existing assets when using CyFlex

*CyberMetrix specializes in test cell, test stand and portable test solutions that empower the user with choices of features, functionality and pricing. At the core is **CyFlex**, a powerful, efficient and deterministic application suite with a wide range of capabilities.*

Many Applications: One Application Suite: emissions cart sampling & gaseous analyzer control, engine steady state and transient performance, engine calibration, engine transient emissions, turbo endurance, crank-angle resolved data collection & analysis, mini-dilution tunnel control & sampling, particulate emissions weighing & filter management, injector shot-to-shot variability, chassis dyno vehicle testing, control algorithm prototyping, turbo mapping & endurance, on-vehicle data logging.



CyFlex provides very high ROI by extending the life of existing assets