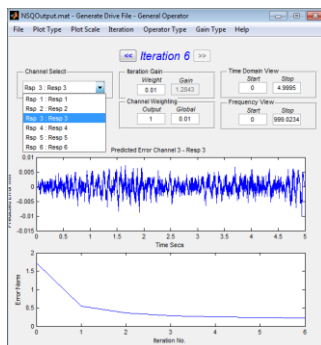
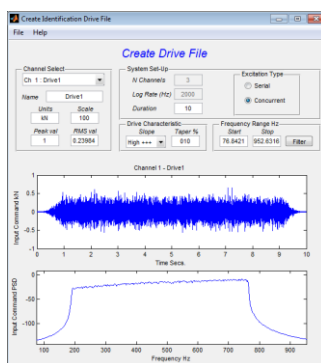


iLC is an advanced iterative learning control engineering modelling tool to generate drive files for dynamic test rigs. It is used off line to generate drive files, analyse or simulate rig response files and optimise test programs. It can be used on rigs from 1 to 16 channels, including non-square rigs.



iLC uses patented, state-of-the-art algorithms that are more powerful than traditional inverse or similar approaches. iLC delivers viable drive files in complex testing environments where present drive file generation programs often fail, for example where the response of the rig or of specimen under test is non-linear, where there is significant structural resonance or clearance.



iLC is also significantly faster to use than traditional programs, often generating a viable drive file in one or two iterations, reducing test set up times from days or weeks to just hours.

iLC therefore delivers:

- Significantly reduced time to test, time to market and testing costs – **reducing test configuration times by up to 80%**
- More reliable and comprehensive testing – **reducing the risk of long term support and product recall costs**
- Better resource utilisation – **reducing rig downtime and increasing testing throughput**

iLC is licensed per testing site and testing PC, meaning that one iLC PC can be used across multiple rigs. iLC is the most cost effective dynamic test drive file generator on the market.

iLC can work with any rig/controller that can read and write drive files in:

- MTS RPC-III *.drv/*.rsp formats
- Servotest ICS *.sef format
- Generalised MATLAB/ASCII format (Servotest and Instron conventions)

It is intended to be a complement to or field upgrade/replacement for MTS RPC Pro, Servotest ICS, LMS/IST Time Waveform Replication or similar. iLC is compatible with the following operating systems:

- Windows XP SP 3
- Windows XP x64 Edition SP 2
- Windows Server 2003 R2 SP 2
- Windows Vista SP 1 or SP 2
- Windows Server 2008 SP 2 or R2
- Windows 7

iLC requires MATLAB Compiler Runtime version 7.14 or higher (MCR is included with iLC). It will run on any Intel or AMD x86 processor supporting the SSE2 instruction set. 2 GB or more is recommended to ensure adequate performance and reliability.

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