Simplicity ai

MEASUREMENT & AUTOMATION SOLUTIONS

Simplicity AI provides a range of advanced technical products and engineering services for test, measurement, control and automation, equipping customers to meet their technical and business objectives. Solutions span across a wide range of industry areas including aerospace, defence, electronics, telecoms and medical devices.

PRODUCTS

The Simplicity AI product range contains solutions for accelerating the development of test and measurement systems and ensuring enterprises can obtain maximum business value from them.

Tequra

Tequra is a software suite for test and measurement applications allowing users to develop high-quality software faster, simplify support and maintenance, and facilitate continuous improvement.

Tequra® Requirements

Tequra Requirements bridges the gap between requirements definition, software verification and test code execution. Requirements can be edited using the intuitive graphical user interface or alternatively loaded from customer-defined or industry-standard requirements management tools.

Tequra® Deployment

Tequra Deployment allows software components and data files to be packaged for easy distribution on to target systems. Features include the ability to deploy, un-deploy and verify that the files have not been modified. This can be automated such that test applications will self-verify before commencing testing.

Tequra® Framework

Tequra Framework is a set of components for NI TestStand and LabVIEW which accelerate test software development. It provides many enhancements to these platforms, promotes re-use and integrates seamlessly with other components of the Tequra suite.
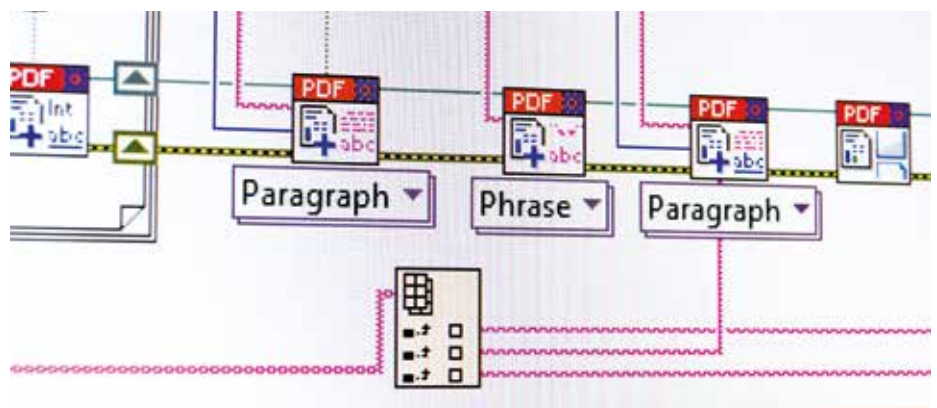
Tequra® Analytics

Tequra Analytics is a centralised test data management system, designed for manufacturing and product development organisations. Powerful test data capture, storage and analysis features are combined together, enabling valuable technical and business metrics to be easily extracted.

Software Toolkits

Custom PDF Generator for LabVIEW

The Simplicity AI Custom PDF Generator for LabVIEW is a toolkit for programmatically generating documents in this highly portable and easily readable file format. Text, tables, images, watermarks and front panel images can all be incorporated into documents, and have numerous formatting options applied. Standard PDF features such as sections, chapters, bookmarks and hyperlinks can be integrated to improve the navigation of a document.

SERVICES

Simplicity AI provide a range of technical services that can be tailored to fit the needs of customers. The scale of offering can range from one-day training and consulting activities, through to large turn-key system delivery and long term partnering relationships.

Software Development

Simplicity AI are specialists in developing sophisticated software solutions for test, measurement, control and automation. The technical team hold industry recognised development certifications and are experienced in building a wide variety of application types.

NI TestStand

Simplicity AI TestStand experts holding certified architect qualifications can rapidly design and develop ATE software utilising industry standard techniques for code clarity, reuse and maintainability.

NI LabVIEW

LabVIEW software development is a core skill of the Simplicity AI engineering team, who hold Certified LabVIEW Architect and Developer qualifications.

.NET Languages

Design and development services for Microsoft .NET technologies (C#, VB.NET, ASP.NET and ASP.NET MVC) can be provided by Simplicity AI engineers.

Database Design

Simplicity AI are experienced in applying standard database technologies into test and measurement applications. With skills in database design, configuration and interfacing, Simplicity AI are an ideal partner for organisations that need to acquire, process, and analyse large amounts of data.

Engineering Services

Hardware

In association with hardware partners Peak Group, Simplicity AI can provide full hardware design and build capability for measurement and automation equipment.

Consultancy

Simplicity AI engineers can be available on-site, to provide technical and logistical assistance with a project.

Training

Simplicity AI develop and deliver customised training packages tailored to individual customer needs. Training is targeted to meet audience requirements and ranges from instruction on low-level technical tools through to management overviews.

Support

To complement the software and hardware offerings, Simplicity AI also offer a range of support options to ensure minimal down-time and maximum operational effectiveness.

For more information please contact us:

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