Measure Success

Measure your success with the Display Measurement Toolkit (DMT)
No one likes surprises and especially during acceptance testing. Because both the buyer and seller of a display system can use the same tool, sellers can test display systems in-house using buyer-specified acceptance criteria. So, suppliers can fine tune the design in-house before delivery.
The Display Measurement Toolkit (DMT):

- Sets up quickly in a cockpit
- Measures key performance parameters (KPP) including resolution, geometry, contrast, and uniformity
- Allows collection of comprehensive data during acceptance testing
With the Display Measurement Tool (DMT), you can transform your display assessment processes from subjective critiques to data-based tests. The DMT collects and measures display performance based on defined standards.
The Display Measurement Tool (DMT):

- Uses standardized metrics, test patterns, and procedures (MTPs) that are validated and published
- Simplifies preparation of defensible display requirements for acquisition engineers by citing detailed MTPs
- Is calibrated against common standards
Standardized methods ensure consistency across:

- Factory and final acceptance tests
- Aircraft programs
- Over time

Use standard metrics, test patterns, and measurement procedures
Precise control over acquisitions leads to:

- Display systems that better meet the training need
- Reduced cost of complex training devices
- Consistent data that can be compared against programs and over time
Visual Performance, LLC was organized in 2011. The development team for the DMT includes:

- Charles Lloyd, President, 30 years experience with display design and measurement, 80 technical papers
- David Beane, software engineer, 15 years experience with automated display measurement systems
- Michael Heaton, 35 years military program management
Our Industries and Specialties

- Flight Simulation
- Immersive Display Automated Alignment
- Electronic Display Design
- Rapid Prototyping and Development Risk Management
- Scientific Programming
- Stereoscopic Displays (3D)
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