Pantora Material Hub

Pantora is a desktop software application that acts as a controlling hub for X-Rite Total Appearance Capture (TAC) Ecosystem components, and also connects to a variety of digital material input sources and output destinations, including third-party rendering software and Product Lifecycle Management (PLM) systems. It allows storage, managing, viewing and editing of digital materials in Appearance eXchange Format (AxF) from a centralized location, minimizing the need to maintain and ship large numbers of physical material samples around the globe.

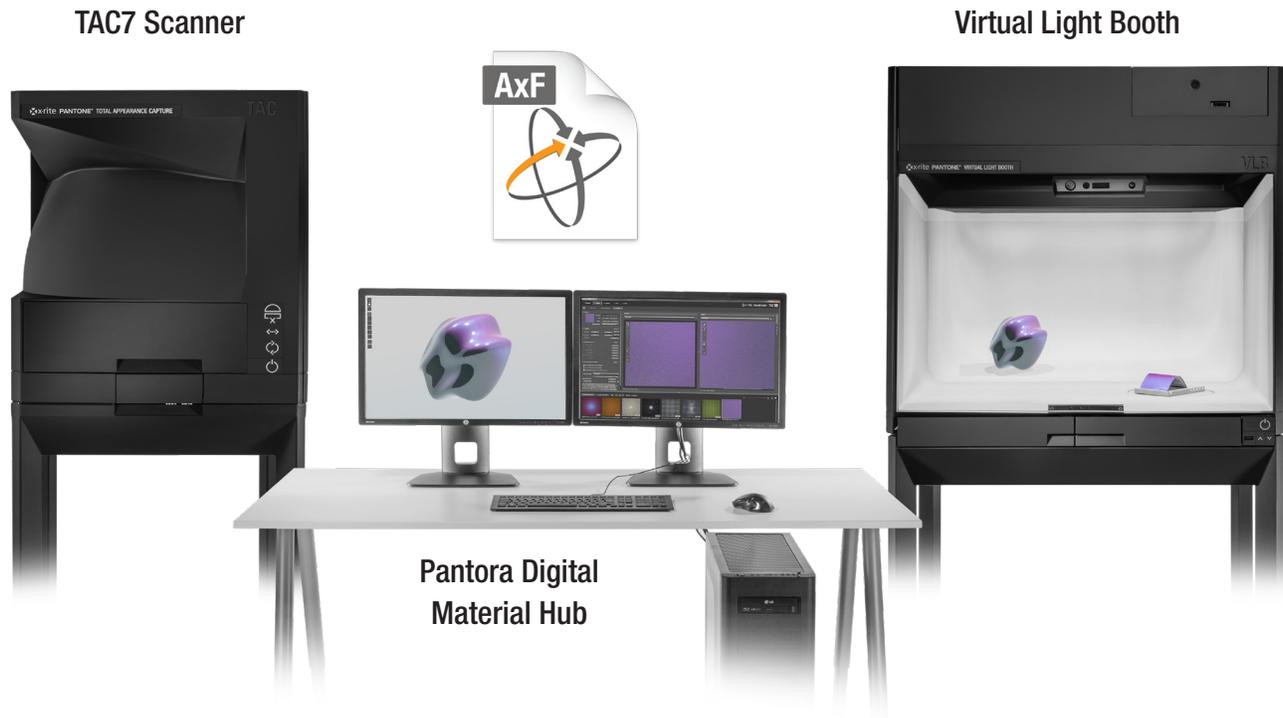**The Pantora Material Hub consists of three components:**

- Material Browser for locating, acquiring and importing digital materials as AxF files, directly from instruments or from local or cloud databases. Robust search allows filtering by appearance attributes such as color, gloss, vendor, material type, etc.
- Material Viewer, enabling materials to be applied to arbitrary geometry and rendered in a virtual scene. 3D geometry models from 3rd-party CAD applications and HDR (high dynamic range) environment maps can be imported or selected.
- Material Editor: While TAC digital materials are physically precise and do not require manual adjustments, users can use this component to see the impact of changing elements such as the gloss level of a surface of the effect pigment concentration in a plastic coating with results visible in real time.

For more information regarding this product, visit **www.xrite.com/pantora**

Specifications

Supported Language(s):	English
Supported Operating System(s):	Microsoft® Windows 7®, Windows 8.1®, Windows 10®; all with latest Service Packs and updates installed.
CPU:	Intel Xeon or Core i7 recommended (AMD CPUs not tested by X-Rite) • min. 8 virtual cores (e.g. 4 physical and 2x hyper-threading) • min. 10,000 CPU Marks recommended
Memory:	min. 16 GB
Hard Disc Drive:	min. 1TB space recommended, Solid State Drives recommended for TAC7 measurements
GPU:	NVIDIA Quadro or GeForce (AMD GPUs not tested by X-Rite) • min. 2GB RAM • OpenGL 4.0 or higher supported
System access:	User must have Administrator rights to install, uninstall the application and the device drivers.
Misc.:	Dual display support requires either 2 video cards or a dual head video card that supports dual video LUTs being loaded.

TAC Ecosystem

TAC7 Scanner

Virtual Light Booth

Pantora Digital Material Hub

Pantora Free Viewer

Pantora Free Viewer allows users to visualize and swap 3D materials in a controlled scene with real-time rendering. No need to be an expert in computer graphics. Just drag-and-drop materials. Change the lighting to see how a material would look under different conditions. It is easy to use and it is free.

Please visit **www.xrite.com/axf** to download the Free Viewer.