

# Tectronix Aurora Signiant Component Version 1.0

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## What it is

This product is a functional extension to the standard Signiant Workflow Engine. It is an Agent Component that integrates seamlessly. It allows to drive quality control jobs on Tectronix's Aurora, either on a single instance or a QC machines farm.

## What to use it for

This product integrates Tectronix's Aurora quality control engine into Signiant's Workflow engine, allowing Signiant workflows to make use of Tectronix's file check services. Such checks can be related to the file container, the audio and video coding or the audio and video content itself. Based on the check results subsequent workflow steps can be controlled or a switch to workflow branches can be caused.

## How it works

The Component is taking a list of files to be processed and starts individual quality control jobs on Tectronix's Aurora by calling its API. The list of task ids and error messages are reported back to Signiant's Workflow Engine. After the completion of the quality control job Aurora returns a test result as XML and PDF file. The XML file can be parsed and used to control the subsequent workflow steps. The PDF can be used for submission to other systems, or display to operators.

# Specifications

The 'TectronixAurora' component takes, among others, the following parameters:

- A list of source files in either a comma-separated list or Signiant's Siglist Xml format
- Name of Aurora Template
- Destination directory
- Controls whether to generate a XML or PDF

It returns

- List of source files in Siglist Xml format that passed the quality control
- List of source files in Siglist Xml format that failed the quality control
- List of XML output files in Siglist Xml format
- List of PDF output files in Siglist Xml format