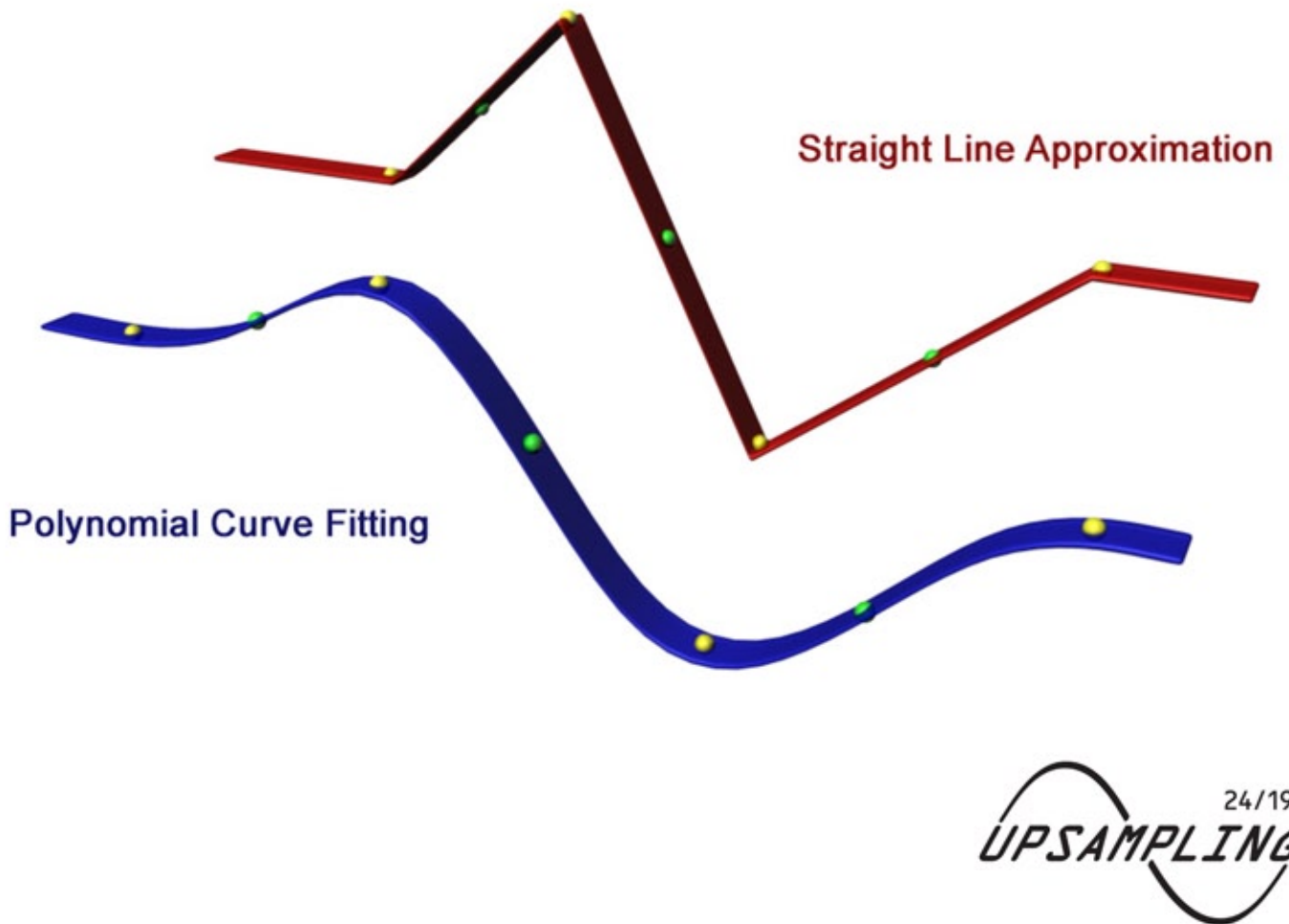


Learn more about DacMagic's upsampling technology



Adaptive Time Filtering (ATF), developed in conjunction with Anagram Technologies, Switzerland, intelligently interpolates standard definition 16 bit CD or USB audio to 24 bit/192kHz via a new 32 bit Texas Instruments Digital Signal Processor (DSP) to reveal unparalleled levels of detail.

Unlike other products based on standard sample rate converters which effectively just draw a straight line 'between the dots', the DacMagic employs a process that involves a proprietary polynomial curve fitting algorithm which ensures that the interpolated data smoothly fits between the original data points.

A time domain model adaptively generates the new data in the temporal domain dramatically reducing digital jitter; even that present in the input audio. This is especially effective when used with PCs or network music players where audio jitter introduced by hard-disk playback, USB links or Ethernet can be radically reduced.