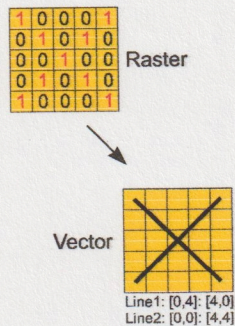


IFR Technical Overview

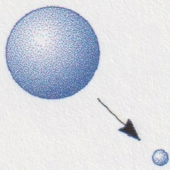
WHAT IS IFR?



For more than 50 years, engineers have attempted to create a means of converting data from raster (dots or pixels) to vector (math), seamlessly across all pictures. A universal raster to vector converter could prove to be the missing link that allows machines to begin to understand their surroundings. We have created just such a converter! We call it IFR (Indirect Formularizing Resolution).

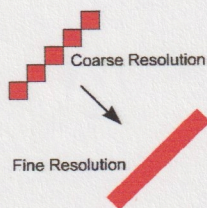
As result of a multi-year project, Colorcom engineers have successfully identified the simple abstract parts that make up complex pictures. By aggregating these abstract elements within a massive state machine, IFR identifies the strategic points of a picture. The necessary parameters are extracted and the mathematics associated with raster to vector conversion become possible.

WHAT DOES IFR SOLVE?



Compression

Vector graphical representations are much more efficient than raster, allowing the lossless compression of IFR to be 10 to 100 times greater than any other compression method currently available. This profound capability will eliminate a multitude of bandwidth and storage issues. Just imagine the Internet operating 100 times faster than what is currently available!



Resolution Enhancement

Raster data, and its associated fixed resolution, paralyzes the creative efforts of all audio-visual formats. By converting these fixed formats to vector, the creative designer is no longer bound by ridge bitmaps. IFR's vector format enables resolution zooming, angular rotating, ray tracing, electronic focusing, automatic imaging and a number of other processes that allow the imagination to be rendered on live images in real time. For example, IFR would allow an ordinary TV receiver to convert a common NTSC video signal into HDTV. IFR divorces bandwidth from resolution without introducing artifacts that distort or mar the image.

