

Digital Microfilm Conversion Vs Analog Microfilm Conversion

Digital Technology has the following advantage over the Hybrid or Analog Microfilm conversion System.

1. Cost involved in Digital Microfilm Conversion is much lesser when compared to Analog process for maintaining & Retrieving with respect to Contrast/density variation, Skewed pages, Inconsistent, Reduction ratio, Cleanliness etc.
2. Digital Technology is a High speed production unit which saves Time for conversion, a digital microfilm converter can produce a roll in 40 minutes which would contain 680 frames.
3. Average density: Density values for the entire film and all the film rolls created using the digital process is within the International Standards.
4. Digital Technology helps to complete projects on time, whereas in Hybrid or Analog huge amount is spent on extended project for couple of years and also the money involved is doubled or tripled.
5. Digital Conversion helps in converting valuable data into Microfilm media with great speeds and not compromising on Quality.
6. It has been tested and certified to give least Thiosulfate residue, which is less than 0.01 micrograms per square centimeter which is less than the permissible 0.7 or 0.4 as per international standards.
7. Polarity: Automatic control of Polarity or Background density with consistency.
8. Placement: remarkably consistent in spacing and placement of images on the film for both 16mm & 35mm.
9. Reduction Ratio: Digital image creation on the film automatically fills the frame with a variable reduction ratio thus ensuring the highest recording of resolution on film and to produce an extremely uniform product that potentially would facilitate the scanning back from COM if the original digital files ever became unreadable.
10. Digital Technology also helps to avoid Repeat of Microfilm Conversion, Huge Wastage which occurs while using Analog Process. Both Time & Money is saved substantially in the Digital Process.

It is confirmed that the Digital to Microfilm conversion exceeds International microfilm standards for permanence and image quality.

