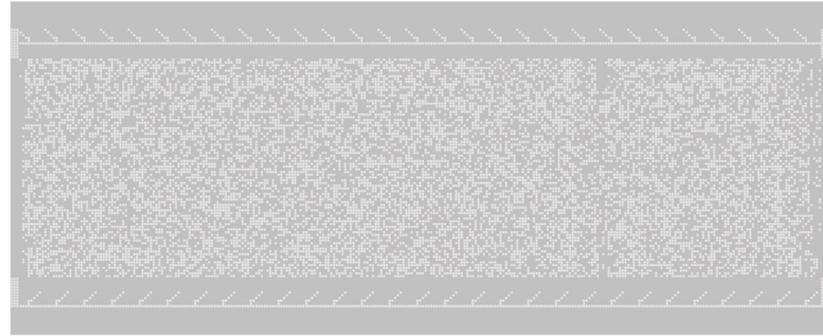




A Better Solution for
Preserving
Mission Critical Digital Data

Daniel Rosen
Chief Technology Officer

G47 Visual Metal Alloy Storage



UNIQUE SOLUTION

DOTS™ is unlike **ANY** current form of digital storage. Data is recorded visually on patented metal alloy tape at a microscopic density that rivals the capacity of current magnetic tapes.

UNMATCHED ARCHIVAL LIFE

DOTS™ is archival for no less than 100 years. It is non-magnetic, chemically inert, immune to electromagnetic fields (including EMP), and can be stored in normal office environments or extremes ranging from -9° to 66° C (16° to 150° F).

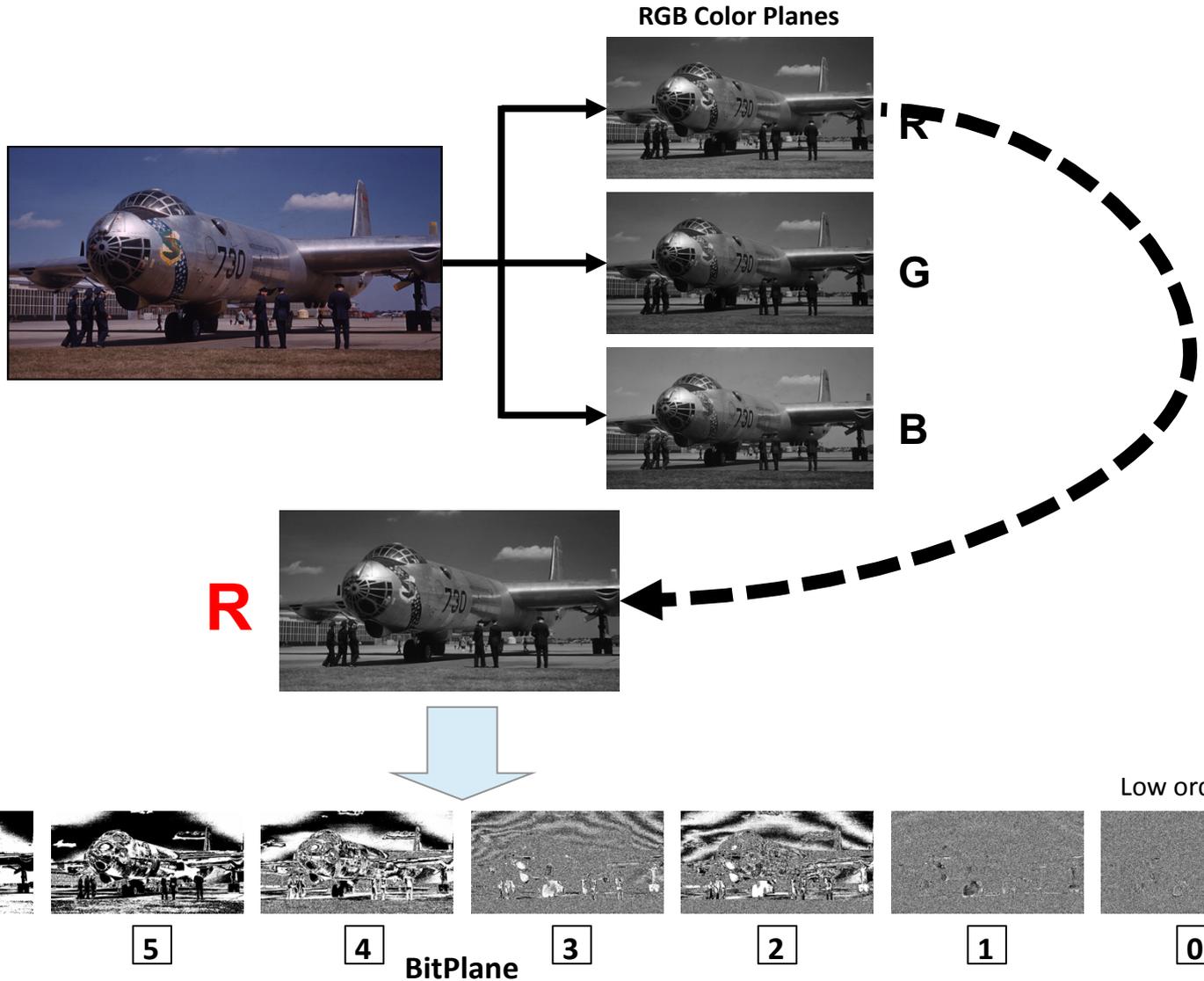
PLUG & PLAY COMPATIBILITY

DOTS™ drives and tape cartridges will be identical in dimension to industry standard LTO form factors, and will be “plug compatible” with existing tape archiving systems, including robotic tape libraries and support for LTFS, accelerating adoption.

GAME CHANGING – NO MIGRATION

DOTS™ will disrupt and transform the digital archiving market by eliminating the need for current practices of making new copies of magnetic tapes every 3 to 10 years in order to preserve 100% of targeted digital assets.

A Method for Visually Archiving Digital Images, Independent of File Format



Bit Plane Images

R



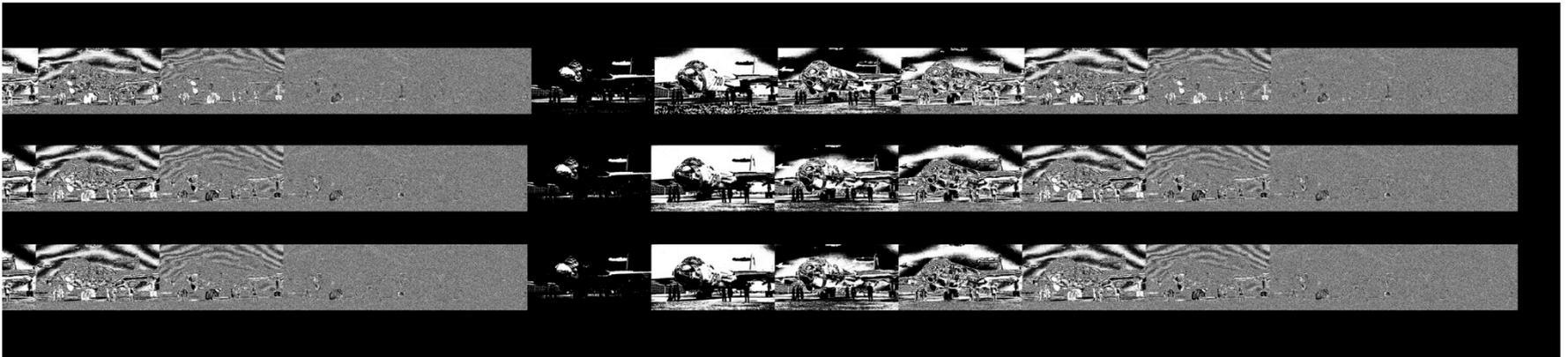
G



B



Bit Plane Images





4K DCI compliant JPEG 2000

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4K DCI compliant JPEG 2000

.01% Random Bit Flips
45,548 Corrupt Bits



382,279 Random Bits
Flipped, or 1% error rate

