DCA's 2007 Product Lineup Highlights DVD-Download Formatter, Title Manager, Archive Manager and Viper 2.0

Cushing, OK (April 17, 2007) – Doug Carson & Associates, Inc. (DCA) today announces its' product lineup for 2007, including updates to existing products & the upcoming availability of new products. Highlights include the availability of DVD-R Managed Recording (DVD-Download) formatter as well as new plant management products in Title Manager & Archive Manager.

MIS 8.5 & Pro Formatters – Currently available, DCA's formatters are capable of mastering HD DVD, Blu-ray, DVD & CD formats. MIS 8.5 offers timing adjustments of up to 0.00781 of a clock pulse per edge, providing for best-in-class jitter reduction possibilities with standard photo-resist recording methods. MIS Pro offers castle-type wave shaping, for cutting edge recording methods, including dye polymer & phase transition mastering. DCA has, since Q4 2006, offered free 3X DVD-ROM with all DVD Formatter purchases.

Recordable Formatters – Currently available, DCA has recordable formatters for the new DVD-R managed recording format, as well as HD DVD-R/RW, HD DVD-RAM, DVD-R/RW, DVD+R/RW and CD-R/RW. DVD-Download/Managed Recording is included for free in the DVD-R/RW Formatter.

Viper Pre-Mastering – Viper 2.0, available in May 2007, is a substantial upgrade to DCA's new pre-mastering product, adding an enhanced analysis engine, in-line encryption, and additional reporting information on the interface and in the metadata. Viper provides transfer, analysis & data verification within one product for HD DVD, Blu-ray & DVD formats. DCA's pre-mastering products can also perform in-line AACS encryption & decryption, as well as prepare data for Ripguard, CSS and CPPM. CD & DVD transfer & verification is still available with DCA's legacy DDP Pro platform as well.

Archive Manager – Available in May 2007, Archive Manager is a platform to perform automatic backups of titles onto media such as DLT, BD-R/Re, UDO-DMD and USB hard drives. Archive Manager includes standard robotic support, allowing for complete automation.

Title Manager – Available in May 2007, Title Manager is a flexible & powerful search tool, providing the ability to quickly & easily find a specific title on a server (or group of servers), as well as retrieve the history report for a title, revoke privileges for a title, or automatically clean-up & archive your images.

Commander – Currently available, Commander makes job scheduling as easy as "load, schedule and master." Commander can schedule jobs, provide image & server management, as well as integrate with DCA & Singulus Mastering products.

DiscTag Enabled Workflow – all of DCA's products for 2007 are DiscTag Enabled, allowing a plant to solve the issues of budget & cost pressures, error reduction, job tracking & problem analysis. All of these items are accomplished by linking metadata, such as customer & catalog ID values and HCRC verification references to a unique DiscTag marker on each layer of the replica.

The DiscTag Enabled workflow uses a unique marker on each layer as a key to retrieve a "Gold Reference" HCRC value and XML metadata from a network location and enable automatic physical testing with HCRC logical verification. The XML metadata contains customer, catalog, format type, and job report information for each application that touches the title. HCRC values provide verification of the replica against the original source data without the need for the original source to be present, while additionally reporting individual miscompare errors by sector and radius location.

There are several possible applications for the DiscTag Enabled workflow in the replication chain, including:
- **Automatic Verification** – stamper & replica verifiers can retrieve the DiscTag marker to automatically populate the user interface and start verification with no operator intervention or data entry errors
- **Automatic Layer Matching** – stamper & replica verifiers can retrieve the DiscTag marker on each layer to ensure that both layers belong together
- **Job Histories/Audit Trails** – plant personnel can lookup job history reports using either the DiscTag from a replica or a host of other parameters, including Customer Name, Catalog ID, Cut Number and Date Range. Reports from each DiscTag Enabled application in the chain are added to the job history reports, so customers can easily pinpoint production issues for a specific title.

About DCA, Inc.
DCA, Inc., Doug Carson & Associates, (http://www.dcainc.com) is the industry's leading provider of world class signal processing technology. Since 1988, optical disc manufacturers have relied on DCA's pre-mastering, mastering and verification products. DCA's products include Pre-Mastering tools (Viper, UDF & Video Verifier, Blazer AACS Workstation), Mastering tools (MIS with Pulse Control System) and Plant Management tools (Commander job controller, Title Manager reporting index). DCA's leadership position in the optical disc industry extends now to 3G format development

for HD DVD and Blu-ray. DCA continues to champion new solutions for optical discs, including its DiscTag, HCRC and job history metadata for automated verification, testing and tracking of job information.