InfraLogic Color Convert Server

Automated Color Space Conversion and Ink Optimization
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InfraLogic offers an automated color server, allowing conversion of PDF files through ICC profiles and/or device Links. The color server allows:

- Automatic separations from RGB data
- Harmonize data from multiple customers
- Reduce ink using a number of pre-configured or tailor-made CMYK-to-CMYK device Link profiles
- Repurpose PDFs for different printing conditions, e.g. offset to digital print
- Dot-gain curve apply on Gray/RGB/CMYK
- Hot-folder operation
- Per job and aggregated report generation

For printing companies the CMYK-CMYK re-separation with GCR can be used to reduce TAC for faster drying times and better stability on press - and they optimize their data for ink saving while maintaining highest quality standards.

The Color Convert Server is the cost effective and flexible alternative to complex and costly "color optimizers" and color managed workflows.

DeviceLink CMYK-to-CMYK conversion benefits:

- Limiting total amount of ink (Total Area Coverage - TAC)
- Optimizes color conversion between different printing standards
- Ink reduction through GCR
- Uses customized profiles or build-in general purpose profiles with different intensity levels
- Out-of-the-box high-quality profile sets for standard printing conditions included (ISO standards, USA standards, newspaper standards etc.)

Color Convert Server integrates with InfraLogic ControlCenter so that processed jobs are tracked and status can be monitored in the WebCenter customer

DeviceLink profile with maximum TAC limit and Gray Component Replacement GCR (here max ink 240 strong GCR) CMY levels are reduced and substituted with K (gray neutrals)

DeviceLink profile ensures maximum Total Area Coverage (TAC) limitation for the given printing process