



## **InkFormulation 6 / ColorQuality 6 - XRGAs Support**

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InkFormulation 6 and ColorQuality 6 support the new X-Rite Graphic Arts Standard XRGAs. The databases of these applications contain data that is XRGAs compatible. If necessary, measurement values from attached devices are converted automatically. This also applies to data which is imported and exported to and from InkFormulation 5 / ColorQuality 5.

### **IMPORTANT:**

For the conversion, it is important that data in the databases of InkFormulation 5 / ColorQuality 5 or older are NOT XRGAs compatible. During conversion to InkFormulation 6 / ColorQuality 6, the application assumes that data is NOT XRGAs compatible.

The new SpectroServer v2.80 converts data from current devices with XRGAs support to the older data version. Please only use InkFormulation 5 / ColorQuality 5 with the new SpectroServer 2.8.

### **Upgrading from InkFormulation 5 / ColorQuality 5**

An upgrade from InkFormulation 5 / ColorQuality 5 to InkFormulation 6 / ColorQuality 6 will automatically convert the entire database to XRGAs.

1. InkFormulation 5 / ColorQuality 5: Database backup
2. Creating a database backup
3. InkFormulation 6 / ColorQuality 6: Restore database → entire database is converted

You can also refer to the upgrade instructions included on the CD that came with your upgrade package.

### **Digital fan decks**

Digital fan decks supplied by X-Rite (PANTONE PLUS, PANTONE Goe, PANTONE PMS and HKS) are installed according to XRGAs when installing InkFormulation 6 / ColorQuality 6. Custom fan decks need to be converted to XRGAs with the included Converter Tool.

## SpectroServer

InkFormulation 6 / ColorQuality 6 only support SpectroServer 3 or higher. InkFormulation 6 / ColorQuality 6 do NOT support previous versions of SpectroServer.

SpectroServer 3 ensures that the measurement values in InkFormulation 6 / ColorQuality 6 are compatible to XRG. SpectroServer 3 supports the following 45/0 and 0/45 devices and if required can convert their data to XRG:

SpectroEye: SpectroServer 3 recognizes the measurement standard configuration of the attached device and converts the data to XRG (if the device is a non-XRG device).

Spectrolino: SpectroServer 3 converts the data to XRG.

530: SpectroServer 3 recognizes the measurement standard configuration of the attached device and converts the data to XRG (if the device is a non-XRG device).

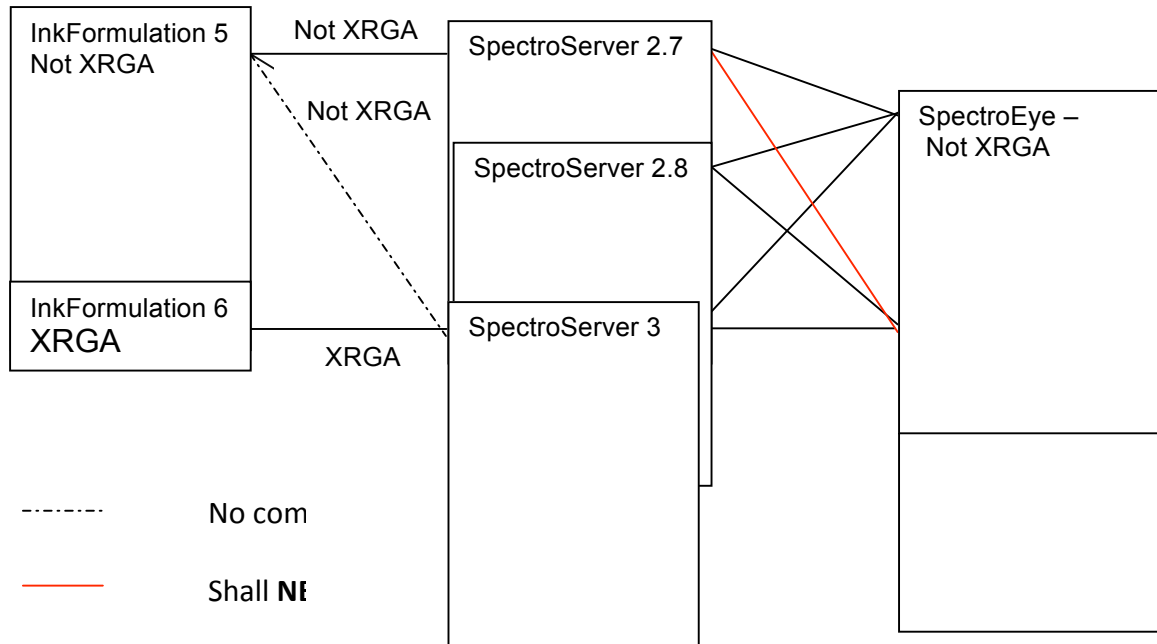
962, 964: SpectroServer 3 converts the data to XRG.

939: SpectroServer 3 recognizes the measurement standard configuration of the attached device and converts the data to XRG (if the device is a non-XRG device).

Data of sphere instruments are not converted because XRG only applies to non-spherical data.

InkFormulation 5 / ColorQuality 5 do not support SpectroServer 3. As previously mentioned, we recommend using SpectroServer v2.80 with those versions.

The following graphics show how the different SpectroServer versions work with SpectroEye:



### Data exchange using CxF

InkFormulation 6/ ColorQuality 6 support several versions of CxF for data import: CxF1, CxF2, and CxF3. If possible always use the latest version of CxF, currently CxF3.

CxF1 and CxF2 do not support XRGAs. InkFormulation 6 / ColorQuality 6 assume that the values are already in the XRGAs format and the data will not be converted.

CxF3 supports XRGAs. InkFormulation 6 / ColorQuality 6 convert any non-XRGAs data from CxF3 files automatically.

## Exchanging data with InkFormulation 5 / ColorQuality 5

Individual data can be exported and imported between both versions. Please make sure to use the correct data format.

### InkFormulation 5 → InkFormulation 6

- Assortments:
  - InkFormulation 5: assortment will be exported from the database into the .ifsx format.
  - InkFormulation 6: assortment will be imported into the database and converted depending on device type.
- Recipes:
  - InkFormulation 5: recipes will be exported from the database into the .ifrx data format.
  - InkFormulation 6: recipes will be imported and converted depending on device type.
- Substrates/substrate formats:
  - InkFormulation 5: substrate data will be exported from the database in .ifpx or .iffx format.
  - InkFormulation 6: substrate data will be imported and converted depending on device type.

### InkFormulation 6 → InkFormulation 5

- Assortments:
  - InkFormulation 6: assortment will be exported from the database and converted depending on device type into the .ifsx data format.
  - InkFormulation 5: assortment will be imported into the database.
- Recipes:
  - InkFormulation 6: recipes will be exported from the database and converted depending on device type into the .ifrx data format.
  - InkFormulation 5: recipes will be imported into the database.
- Substrates/substrate formats:
  - InkFormulation 6: substrate data will be exported from the database and converted depending on device type into the .ifsx and .iffx data format.
  - InkFormulation 5: substrate data will be imported.

### ColorQuality 5 → ColorQuality 6

- Jobs:
  - ColorQuality 5: job will be exported from the database into the .cqix format.
  - ColorQuality 6: job will be imported into the database and converted depending on device type.
- Standard:
  - ColorQuality 5: standard will be exported from the database into the .cqsx format.
  - ColorQuality 6: standard will be imported into the database and converted depending on device type.

### ColorQuality 6 → ColorQuality 5

- Jobs:
  - ColorQuality 6: job will be exported from the database and converted depending on device type into the .cqix data format.
  - ColorQuality 5: job will be imported into the database.
- Standard:
  - ColorQuality 6: standard will be exported from the database and converted depending on device type into the .cqsx data format.
  - ColorQuality 5: standard will be imported into the database.

Data shall **NOT** be exported to CxF format and re-imported into other versions of InkFormulation / ColorQuality. When doing so, data will NOT be converted.

### **Data exchange with various X-Rite applications**

#### **Data exchange with Color iQC and X-RiteColor Master**

Always use the CxF3 format to exchange data with iQC and Color Master. Please always use Color iQC 7.1 or Color Master 8.2.4 to make sure there aren't any problems during data exchange. Using CxF3 and compatible versions ensures that data in the InkFormulation 6 / ColorQuality 6 databases are XRGB compatible.

#### **Data exchange with SpectroEye CxFLoader**

SpectroEye CxFLoader only supports CxF1. The SpectroEye has to support XRGB to ensure that only XRGB compatible data is imported into InkFormulation 6/ ColorQuality 6. Make sure SpectroEye is using firmware version 3.0 or higher.