Color iControl

Online Color Quality Control and Formulation Software

Many current color management systems need to operate within a network and with information that needs to be shared and distributed among a variety of users and locations. The challenge is to consistently meet these requirements while maintaining control of data and user rights. Color iControl provides a solution that allows any number of locations to easily communicate and share color data.
Centralized Control and Management

- Color iControl’s account management system allows an administrator to create, modify, and manage groups of users, providing supervisory control over user rights and permissions.
- It enables supervisors to hide controls and manage functionality by user.
- Each User Group account can be assigned a default desktop.
- Desktops contain program settings, permissions, database and path settings, screen layouts, and toolbars and are an easy way to modify program appearance and behavior based on different user requirements.

_An example would be desktops for Production, Lab, and Manager to easily tailor operation for each department, and each department may run 3 shifts with each shift operator using the same group account for their department._

Data Access Managed by User, Function, or Location

- Color iControl’s account management systems also includes the ability of assigning read or write permissions to data stored in the database based on Security Groups.
- Security Groups are defined by regions and each region can contain user defined sub regions called locales.
- User Groups can be assigned to a specific Region and Locale so that when measurements are taken, or data entered, they are assigned to the Region and Locale of the creating User Group.
- When recalling or writing data to the database, user groups permissions can be set to allow access to local, regional, or all data, allowing administrators manage or restrict access to a centralized database by User Group.

_For example, a user assigned to the “Asia, Hong Kong” region/locale would not be able to see or retrieve data that was stored by the “USA, New York” office unless they had the permission to retrieve data “from all regions”._
**Configurability**

- Jobs are containers that contain all the items a user needs to perform a specific function.
- Sending a Job to another user sends all of its contents: settings, displays, screen layout, tolerances, colorants, and data.
- This functionality can be extended to the creation of desktops tailored for different workflows and for different types of users.

*An example could be a project that requires several standards along with their acceptance criteria [document based architecture].*

**Traceability**

- Every measurement, colorant, and collection in Color iControl is created with a unique Digital Signature that identifies that specific object for its entire life.
- This allows color data to be recognized by the software as it circulates with a workflow or supply chain.
- Digital Signatures maintain relationships between colors and allows submissions to be linked to their associated standards automatically.

*Attempting to add a new item to the database which is actually a renamed copy of an original will flag the attempt and either update the item in the database or create a new object with a new Digital Signature.*

**Connectivity**

- Communications between many types of color and business systems is becoming mandatory.
- This integration often involves IT Support and special software modifications.
- Color iControl contains multiple methods that allow users to select and format color data and direct it to a location or application of their choosing.
- This information can be sent automatically as samples are measured, making it ideal for automatic integration into manufacturing and process management systems.
- In addition, Color iControl can import and export in a wide range of Industry standard formats [CxF1, CxF2, CxF3, EXP, QTX, MIF, SMP, XML, PAL, TXT, DAT, MDB…], simplifying the exchange of data with partners using alternative or legacy color related systems.

*An example would be exchanging branded color data between product development, packaging, and advertising.*
Other benefits include

- No local software installation
- Connections using Remote Desktops [Microsoft Terminal ServicesTM or CitrixTM]
- Simplified updates
- Remote application support
- Easy to expand

Service offerings

X-Rite offers a complete suite of complimentary server products to insure customers obtain the maximum benefit from their iControl system.

- Color iControl Support and Maintenance Contract: Provides 1 year of premium phone and online support including software upgrades
- Color iControl “Start the Engine”: 3 days of support for system setup and configuration [settings, templates, custom toolbars, style sheets, remote output, etc.]

### Color iControl Server Requirements

<table>
<thead>
<tr>
<th>Item</th>
<th>Recommended</th>
<th>Minimum</th>
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</thead>
<tbody>
<tr>
<td>Operating System</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Version</td>
<td>Windows 2008 Terminal Server or Citrix Server</td>
<td>Windows 2008 Terminal Server or Citrix Server</td>
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<tr>
<td>Hardware</td>
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<tr>
<td>Memory</td>
<td>4 GB</td>
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<tr>
<td>Processor</td>
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<tr>
<td>Cache</td>
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<td>8 MB</td>
</tr>
<tr>
<td>Disk Capacity</td>
<td>1 TB</td>
<td>500 GB</td>
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