

Ink Innovation Begins with



Ink



- Official launch May 2024 to the P&P Market
- Centralized platform regardless of industry and application
- Secure **cloud-native** solution with unlimited scaling
- Continuous Deployment allows issues to be fixed and new features to be developed in weeks rather than months
- Minimal local IT support needed with hosting and backup maintenance all-inclusive in the price
- Developed in **partnership** with multiple ink manufacturers



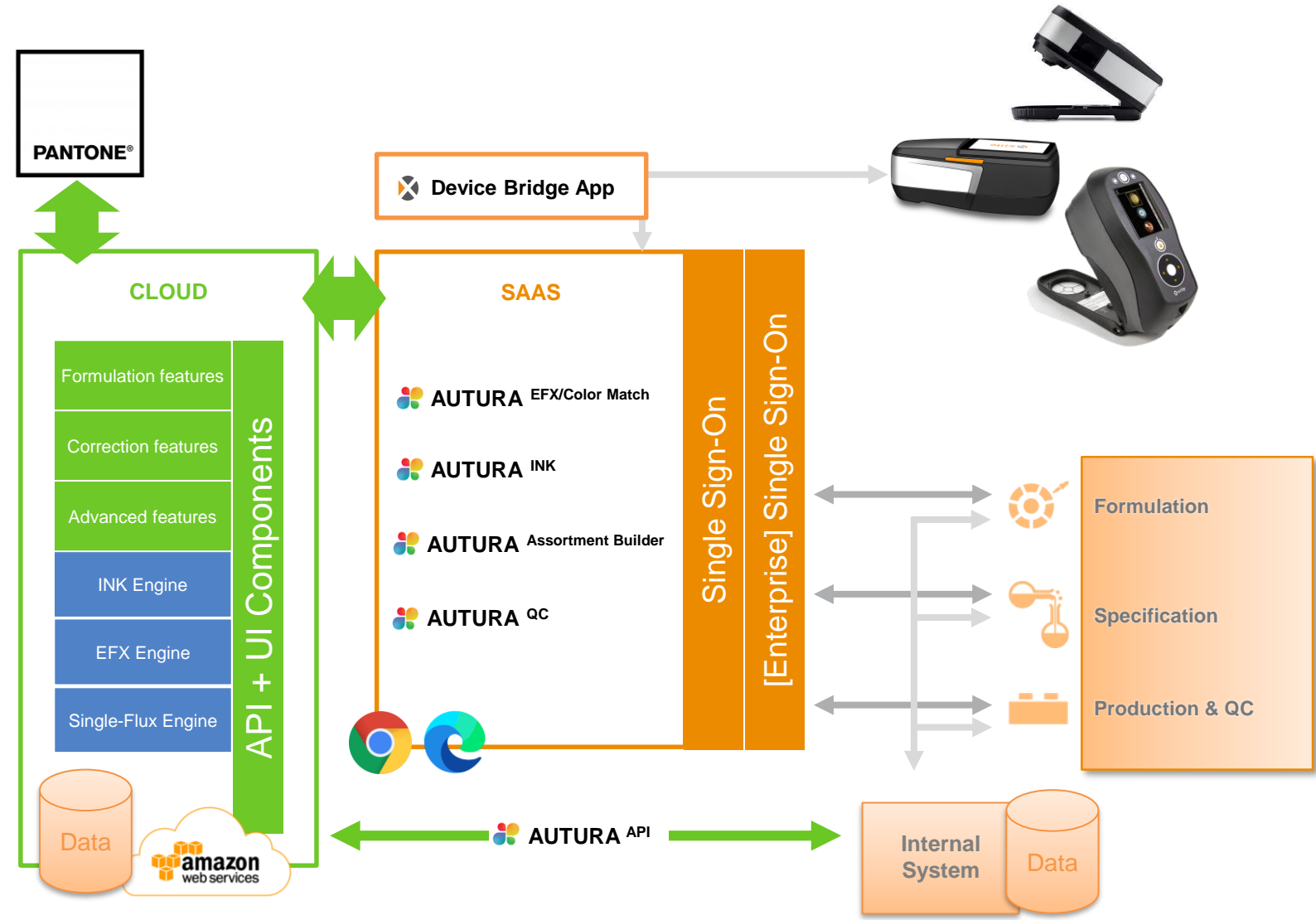
The image features a white background with a large, textured orange splatter on the left side. On the right, a colorful spiral graphic is composed of concentric rings of circles. The spiral starts with a black ring at the top, followed by a teal ring, a purple ring, and a red ring. Each ring contains a series of smaller circles in the same color as the ring itself. The spiral curves downwards and then back up to the right. The text 'Features Highlight' is centered within the orange splatter area.

Features
Highlight

Serverless and Cloud-Based

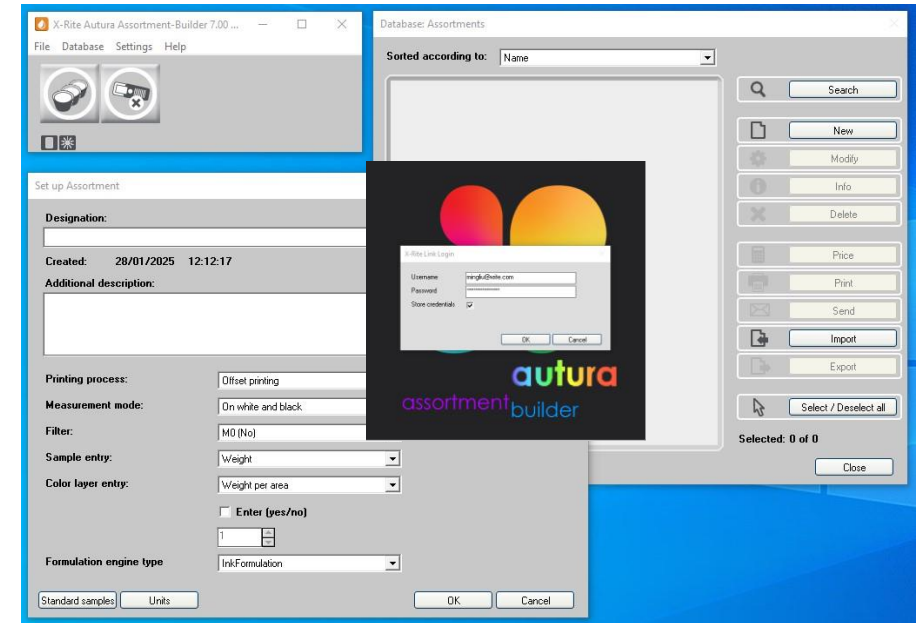
- Centralized database regardless of industry, application, or device
- Accessible anytime, from any compatible browser
- Secure solution, providing confidence your data is safe
- Shorter startup with minimal local IT support needed
- Scalable to easily accommodate with growing business needs

Architecture Overview



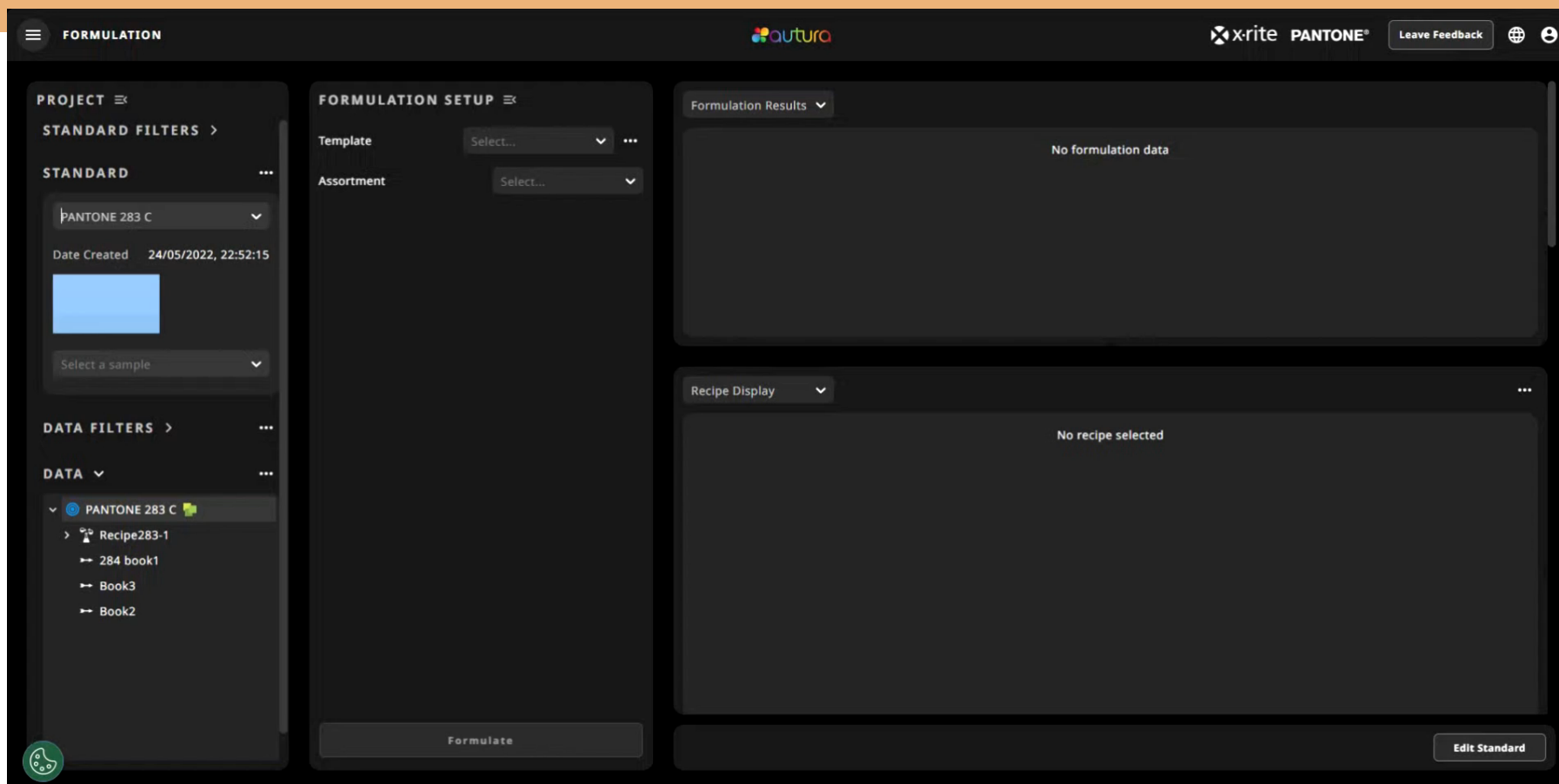
Autura Desktop Assortment Builder

- Contains the new IFS 7.0 engine with bronzing enhancement
- IFS 7.0 assortment data compatible only with Autura
- Activation via Autura login, no dongle is required
- Free with **Autura Standard licenses**
- March 2025 release
- **Online Assortment Builder:**
 - Advanced features (e.g. surface prediction, streamlined workflow)
 - Transition notice will be given to the Desktop version users
 - Add-on charge applied
 - Estimated Q4 2025 release



Create Error-Proof Ink Formulation Templates

Users can set up formulation templates with predetermined settings tailored to specific customer use cases. This enhances repeatability and productivity so that the full team can efficiently handle diverse formulation requirements.



The screenshot displays the autura Ink software interface for creating ink formulation templates. The interface is dark-themed and organized into several panels:

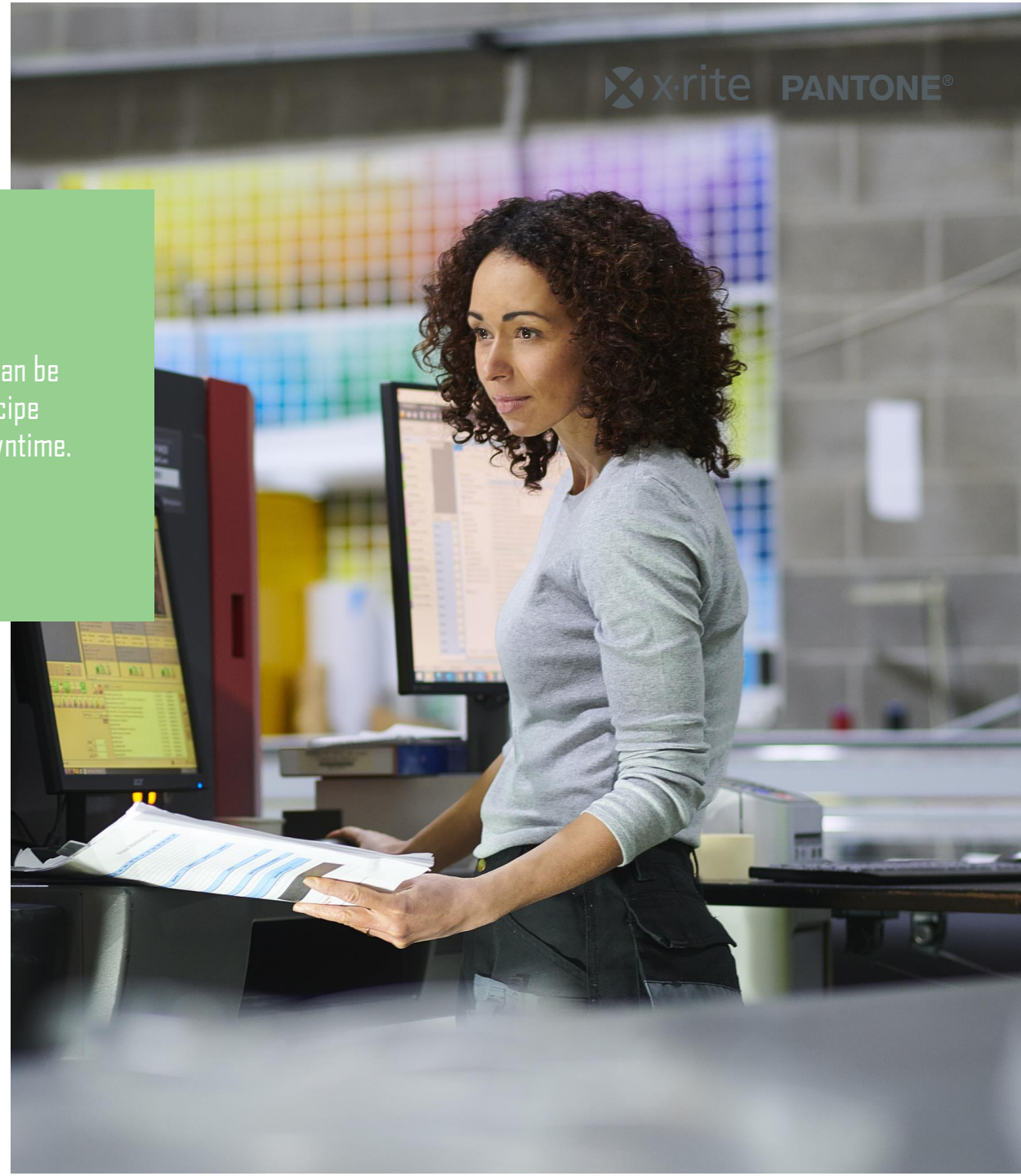
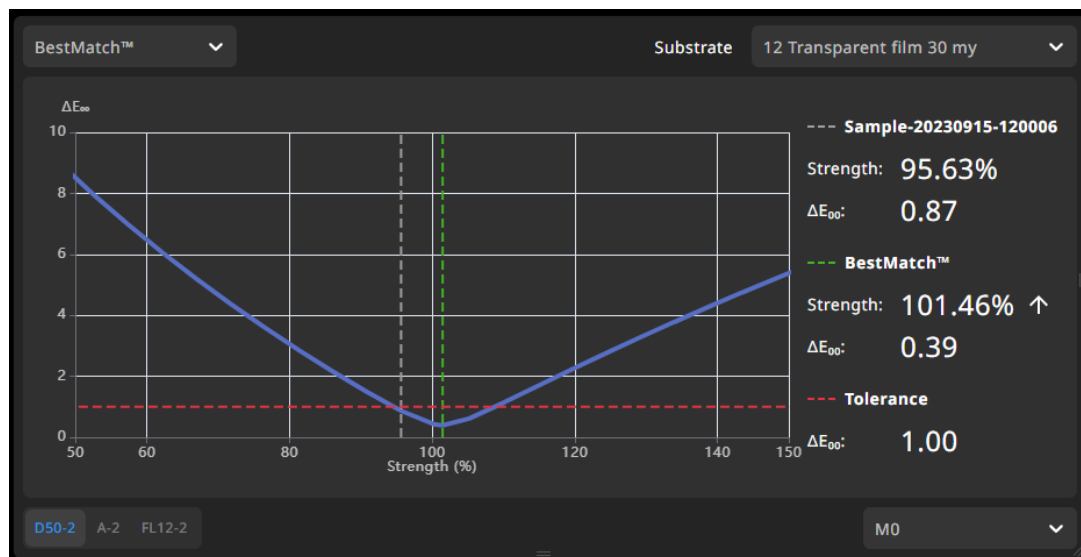
- PROJECT:** Includes 'STANDARD FILTERS' and 'STANDARD' filters. The 'STANDARD' filter is set to 'PANTONE 283 C'. It also shows the 'Date Created' as '24/05/2022, 22:52:15' and a 'Select a sample' dropdown.
- DATA FILTERS:** A section for filtering data.
- DATA:** A tree view showing the selected 'PANTONE 283 C' standard and its associated recipes: 'Recipe283-1', '284 book1', 'Book3', and 'Book2'.
- FORMULATION SETUP:** The main configuration area with dropdowns for 'Template' and 'Assortment', both currently set to 'Select...'. A 'Formulate' button is located at the bottom of this panel.
- Formulation Results:** A panel showing 'No formulation data'.
- Recipe Display:** A panel showing 'No recipe selected'.

At the bottom right of the interface, there is an 'Edit Standard' button. The top right of the interface includes the autura logo, x-rite PANTONE logo, a 'Leave Feedback' button, and user profile icons.



Quickly Identify Ink Color Variation

With integrated BestMatch, operators can now confidently determine if a color can be attained by modifying film thickness, viscosity, or press settings, or if the ink recipe needs adjustment. This helps restore press performance swiftly, minimizing downtime.



Avoid Downtime and Press Return Waste with Quick Correction

Ink technicians can perform necessary adjustments to correct an ink batch next to the printing press. This guarantees ink remains within the same specification as when it was initially taken from the ink room for less downtime and press return waste.

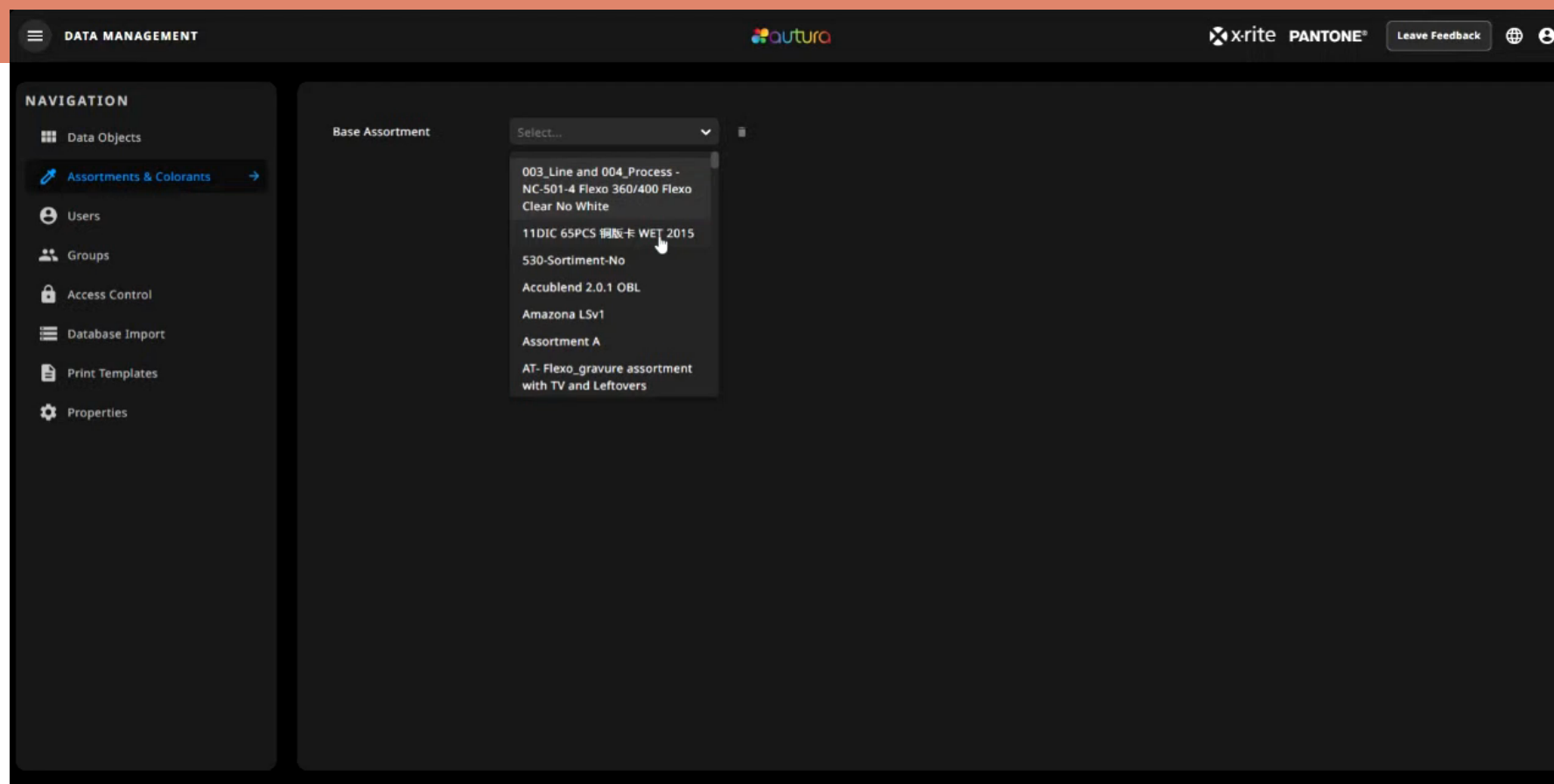
The screenshot displays the autura software interface for ink correction. The interface is divided into several panels:

- PROJECT:** Shows 'STANDARD FILTERS' with 'STANDARD' set to 'RPOrange' and 'Creation Time' as '29/09/2021, 15:13:05'. Below this, another 'STANDARD' entry shows 'Creation Time' as '15/09/2023, 11:59:32'.
- CORRECTION SETUP:** Includes 'Correction Mode' (set to 'Addition'), 'Settings', and 'Assortment' (set to 'Select...'). A 'Quick Correct' button is visible at the bottom.
- Correction Results:** Displays 'No correction data'.
- Recipe Display:** Displays 'No recipe selected'.
- Color Plot:** A graph showing color differences. The x-axis is labeled $-\Delta b^*$ and the y-axis is labeled $+\Delta a^*$. A red dot represents 'Sample-20230915-115932' and a blue diamond represents 'RPOrange'. A dashed ellipse indicates the target range.
- Spectral Graph:** A line graph showing spectral data. The x-axis represents wavelength (400-700 nm) and the y-axis represents percentage (0-92%). Two lines are shown: 'RPOrange-M0' (blue) and 'Sample-20230915-115932-M0' (green).



Efficient Ink Assortment Views

Autura's assortment views enhance the ability to manage ink assortments and eliminates redundancy.



Optimized Data Reporting

Easily create customizable report templates using a Microsoft Word compatible editor.



DATA MANAGEMENT

NAVIGATION

- Data Objects
- Assortments & Colorants
- Users
- Groups
- Access Control
- Database Import
- Manage Print Templates →

PRINT TEMPLATES

Name	Type(s)	Action
QC Master Template	QC	⌵
Recipe Master Template	Recipe	⌵
Standard Master Template	Standard	⌵
Color Data test 2	Recipe	⌵
ColorSwatchTest	Recipe	⌵
Correction-HS	Recipe	⌵
creationDate	Recipe	⌵
DF-QC-Test	QC	⌵
GK-QC-Finish	QC	⌵
HS-NewRecipe	Recipe	⌵
HS-NewRecipe-Updated	Recipe, Standard	⌵
HS-QC-Test	Recipe	⌵
HS-QC2	QC	⌵
HS-QC2	QC	⌵
HS-Standard	Standard	⌵
HS-Standard2-swatch	Standard	⌵
JochenTemplate	Standard	⌵
JT-test	QC	⌵

x-rite 18 Nov 2022

Bordeaux-M0-M3
L*a*b*C*h* (M0): 29.78 | 44.60 | 0.14 | 44.60 | 0.18

Recipe16-LO-TV-PM1 - Correction 1
Date Created: 18 Nov 2022
L*a*b*C*h* (M0): 29.80 | 44.71 | 0.02 | 44.71 | 0.03

Assortment: Flexo_gravure Test assortment (M0, Transparent Film) with TV-LO-Applications-TO

Substrate: Leneta (M0)

Viscosity: 15 s

Thickness: 100%

Can Size: 110.27 g

Component	Corrected %	Original amount (g)	Add amount(g)	Corrected amount(g)
Leftover ROT	37.99	41.90	0.00	41.90
Conc. XR Extender 2	18.34	20.22	0.00	20.22
Additive A	7.14	6.78	1.09	7.87
Conc. XR Red yellow	6.20	3.38	3.45	6.84
TV farblos	6.15	5.81	0.97	6.78
Additive B	4.76	4.52	0.73	5.25
Conc. XR Violet	3.50	2.71	1.15	3.86
Conc. XR Black	1.97	1.76	0.41	2.17
Solvent B	13.95	12.92	2.47	15.38

Recipe cost: 26.91 \$

Spectral Graph (M0)

Color Plot (M0)

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sample-20231215-103911-M0

Thank you!

Q&A

