Ink Estimator

In this section you will learn how to use the **PRINERGY Portal: Ink Analytics** Service - Ink Estimator

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PRINERGY Portal: Ink Analytics Service enables you to estimate ink requirements for upcoming jobs, and compare estimated ink usage to actual ink usage after a job has been completed. Tracking and comparison of ink usage allows you to adjust ink usage factors for more accurate estimates, and increased accuracy of estimations and on-going tracking enables you to better manage ink inventories and costs.

Once configured, Ink Analytics works in the background as you output single pages/artworks and impositions/layouts to VPS proofs or final TIFF output during a normal prepress workflow. Color separation area coverage and specific job parameters are automatically uploaded to Prinergy Cloud. Then, based on the **Print Condition** specified for the job, or for specific impositions, Ink Analytics calculates the estimated ink usage.

A **Print Condition** is a unique set of resources and factors (such as press, substrate, ink type, number of impressions and make-ready waste) which contribute to unique ink consumption for each color in the job, as characterized by different **Mileage Factors** (Ink Usage factors) assigned to the inks in the Print Condition.

Once a Print Condition is assigned to a new job, and the number of impressions and make-ready are entered, Ink Analytics will automatically calculate total ink requirements for the job, based on the ink coverage (%) of each page/artwork or imposition/layout.

PRINERGY Portal: Ink Analytics: Ink Estimator comes in two forms:

1. **Per Page toolset** - allows you to estimate based on the number of "ups" for single page/artwork within PRINERGY jobs against defined Print Conditions
2. **Per Imposition toolset** - allows you to estimate impositions or signatures within PRINERGY jobs against defined Print Conditions

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Prior to the use of this, be sure that you have reviewed the following components:

- Creating **Resources Tab**
- Defined **Print Conditions**
- **Ink Estimator: PRINERGY**