

PMF Version 3 and ICCS

By Symbotics and Technology
Coaching

4 October 2005

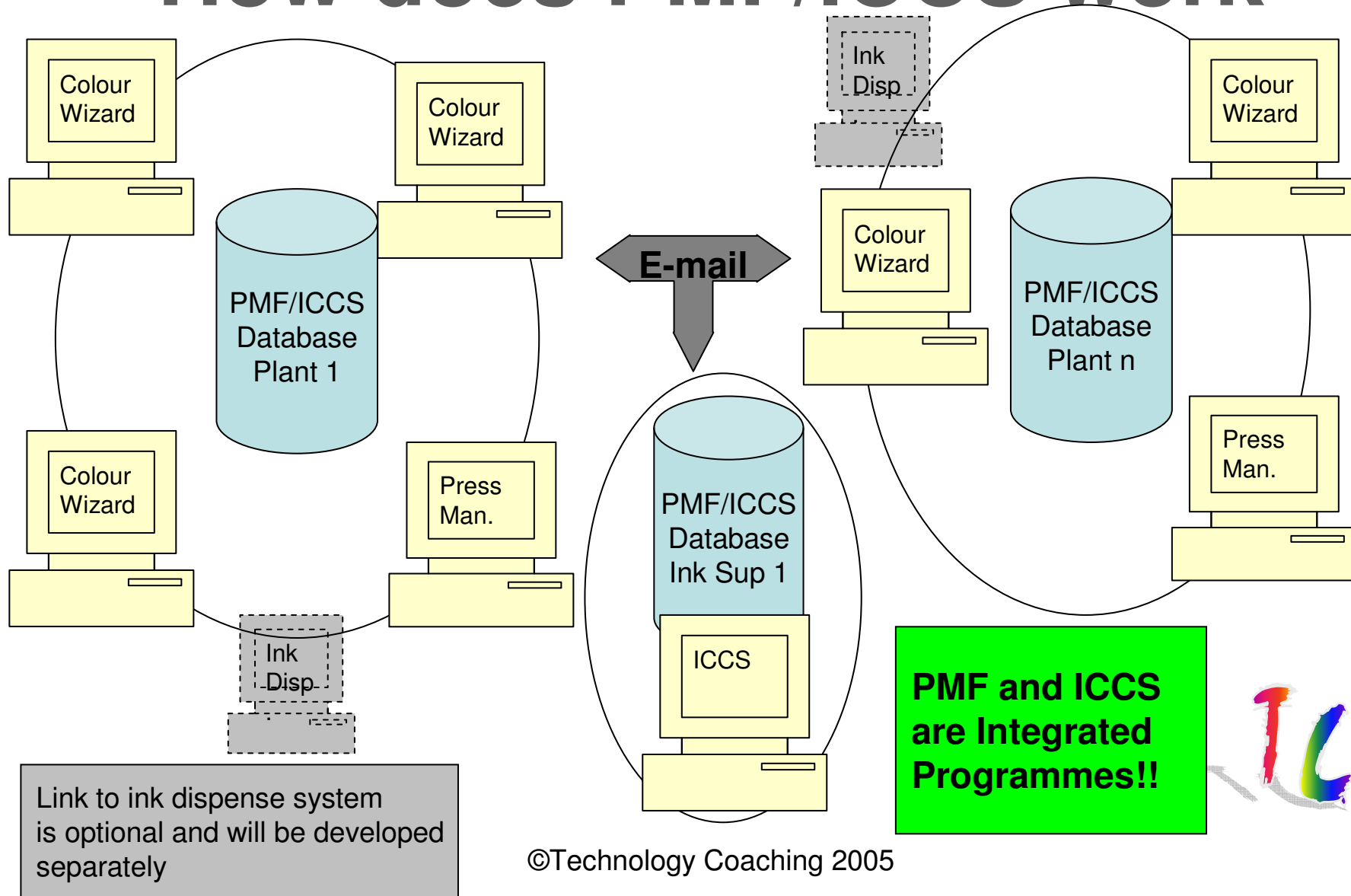


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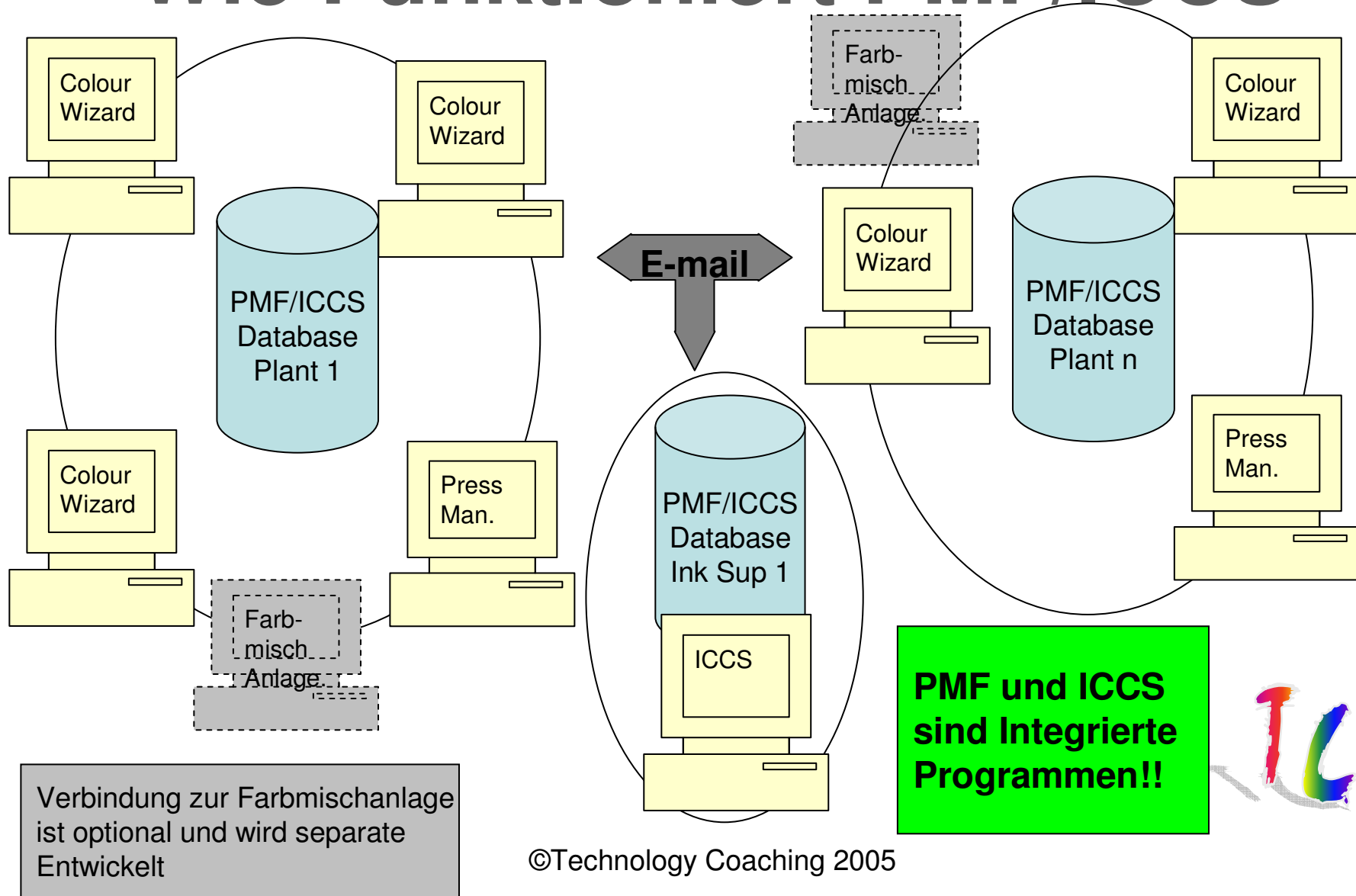
- Introduction;
- How does it work;
- What does it deliver;
- Demo PMF;
- Demo ICCS;
- Questions and answers;
- If time permits demo of IFT Analyzer.



How does PMF/ICCS work



Wie Funktioniert PMF/ICCS



What Does PMF/ICCS deliver

- QA regarding colour and the ink formulations used to produce that colour linked to ink film thickness and substrate.
- PMF:
 - Colour QA;
 - Direction for correction if off shade
 - QA reports on colour by order and article;
 - Exchange of articles with PMF. Colours and ink formulation with PMF and ICCS;
 - Colour Search
- ICCS:
 - Searching of ink formulation database linked to colours printed on a specific paper;
 - Ink formulation QA;
 - Exchange of ink and colour data with ICCS and PMF;
 - Block change of base component;
- Colour equations in PMF and ICCS: Delta E and Delta E CMC. Delta E2000 and Delta E 94 will be added soon.



Demo PMF

Press Manager

- Creating colour;
- Creating Substrate
- Searching colour;
- Creating article;
- Checking colour during production;
- Quality assurance report;
- Procedure for creating new colour in combination with ICCS;
- Sending an Colour/Article to an other location;

Colour Wizard

- QA during production;
- Colour Override;
- Data collection multiple machines.



Demo ICCS

- Creating a colour;
- Creating an ink formulation;
- Quality assurance ink formulation;
- Searching for an ink formulation linked to a colour;
- Block changes for replacing base component;
- Importing exporting data to PMF.



Remote Colour Proof (1)

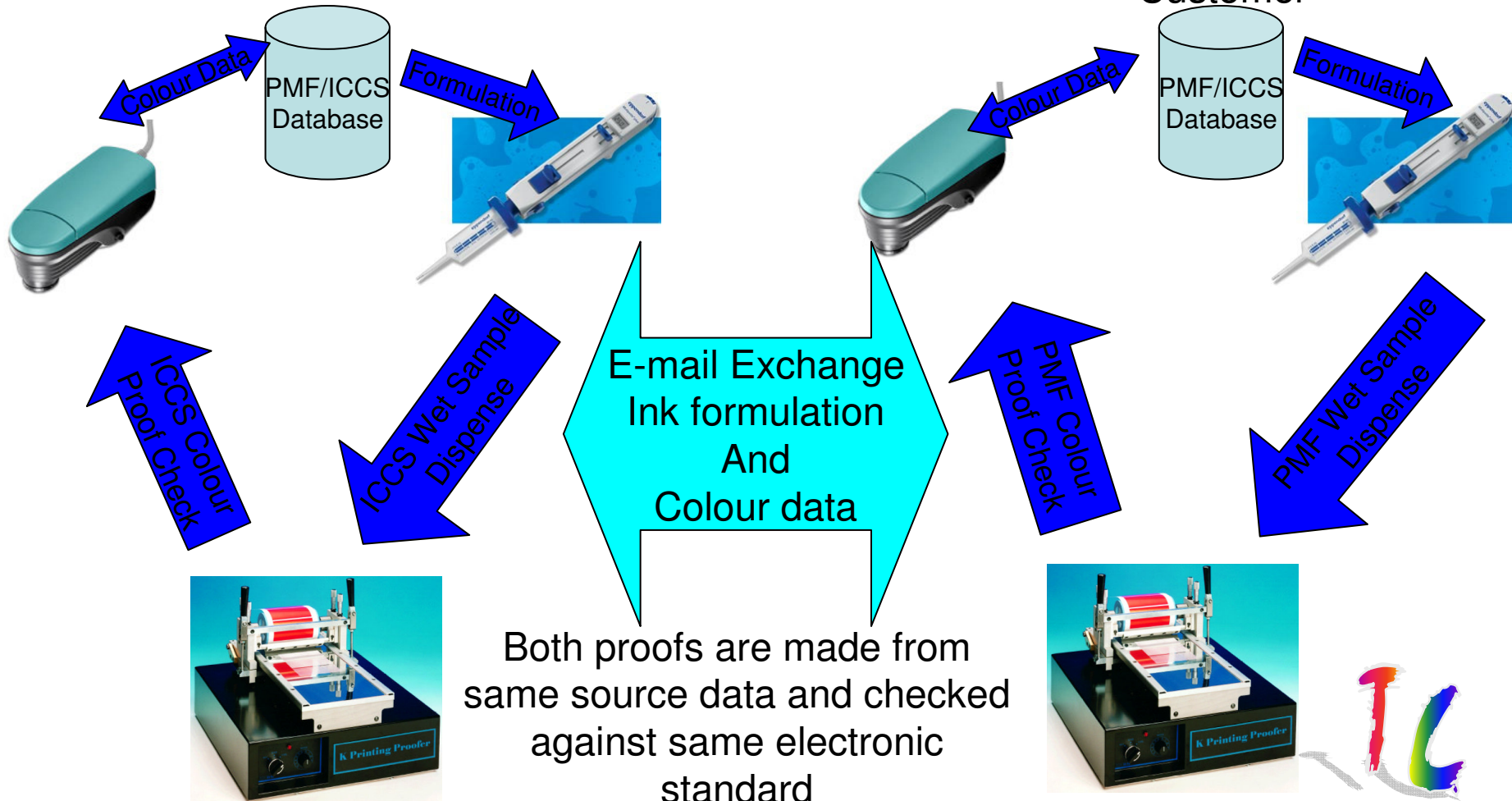
- Symbolics and technology Coaching are developing a tool to reproduce colours using a standard colour printer connected to a PC:
[LABtoRGB](#);
- It will be possible to exchange colour data and use other systems for making digital proofs.
- We also propose a more labour intensive solution which recreates the same colour on both sides.



Remote Colour Proof (2)

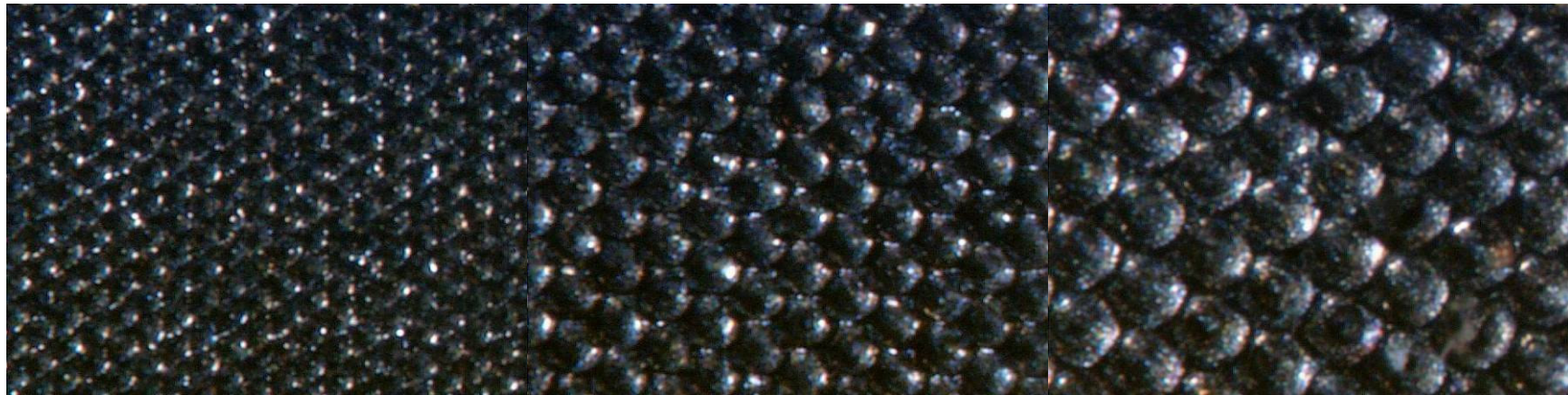
Ink Supplier

Customer



IFT Analyzer

- Programme for collecting screen roll ink film thickness data in a structured way;
- Optional also close-up pictures can be added from the screen roll surface.



350 L/cm, 4.5 μm .
600x Magnification

200 L/cm, 6.0 μm .
600x Magnification

140 L/cm, 8.0 μm .
600x Magnification

