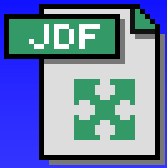
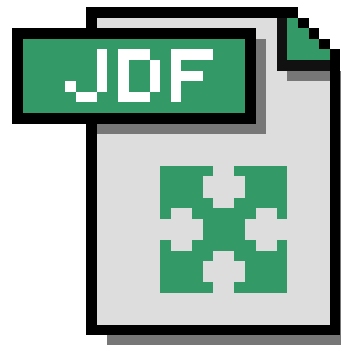
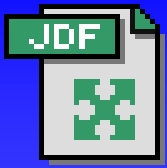

Seybold San Francisco 2002



Job Definition Format (JDF)

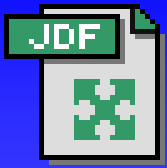




Stephan Jaeggi, PrePress-Consulting

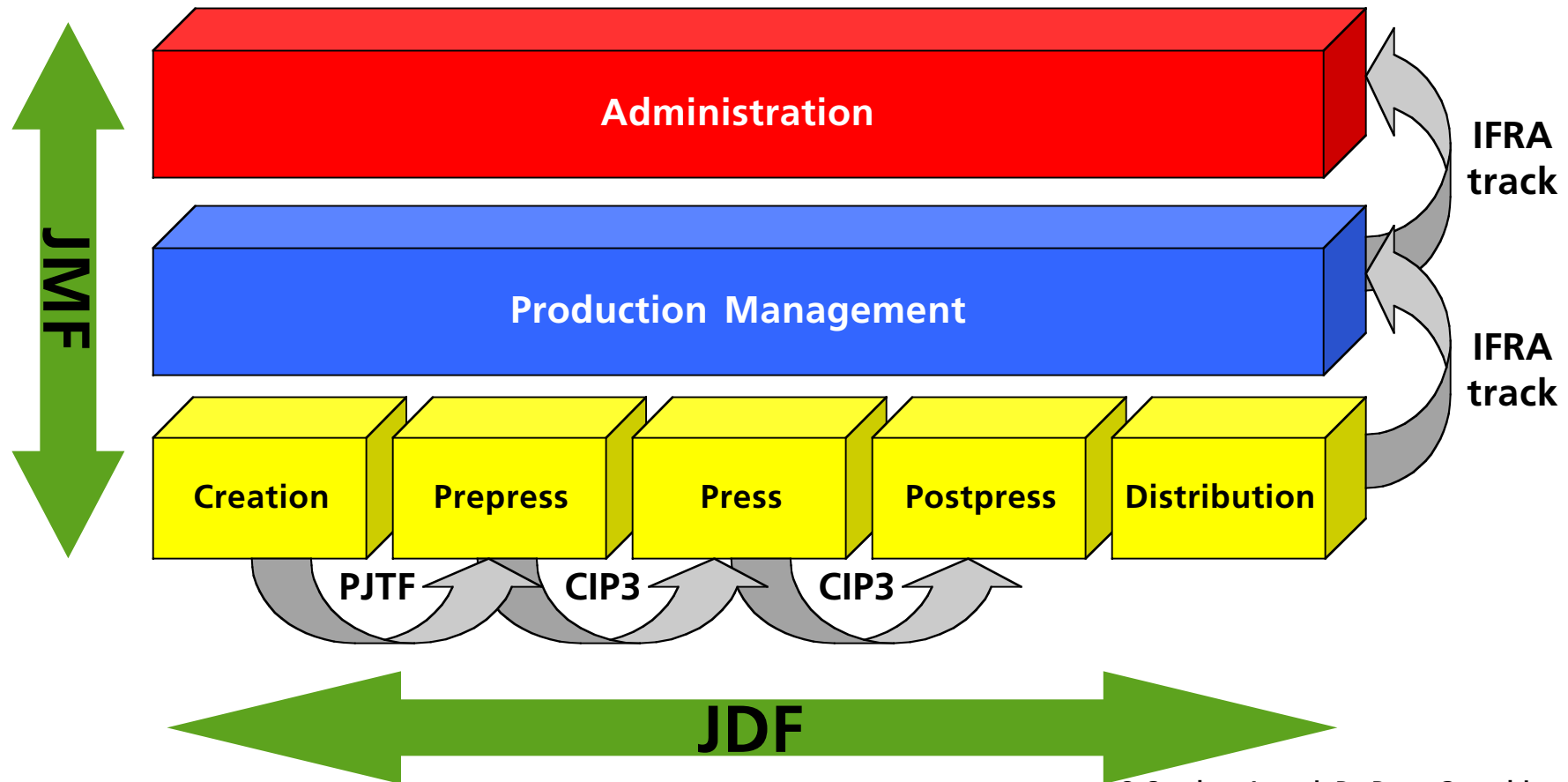
- President of PrePress-Consulting, Switzerland
- Degree in print engineering from ESIG
- Specialized in PDF workflow since 1991
- Co-author of ISO 15930-3 (PDF/X-3)
- Member of CIP4 advisory board since 1999 representing the associate members
- Contact
 - <http://www.prepress.ch>
 - info@jdf-workflow.com

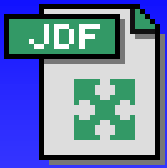




Complete information

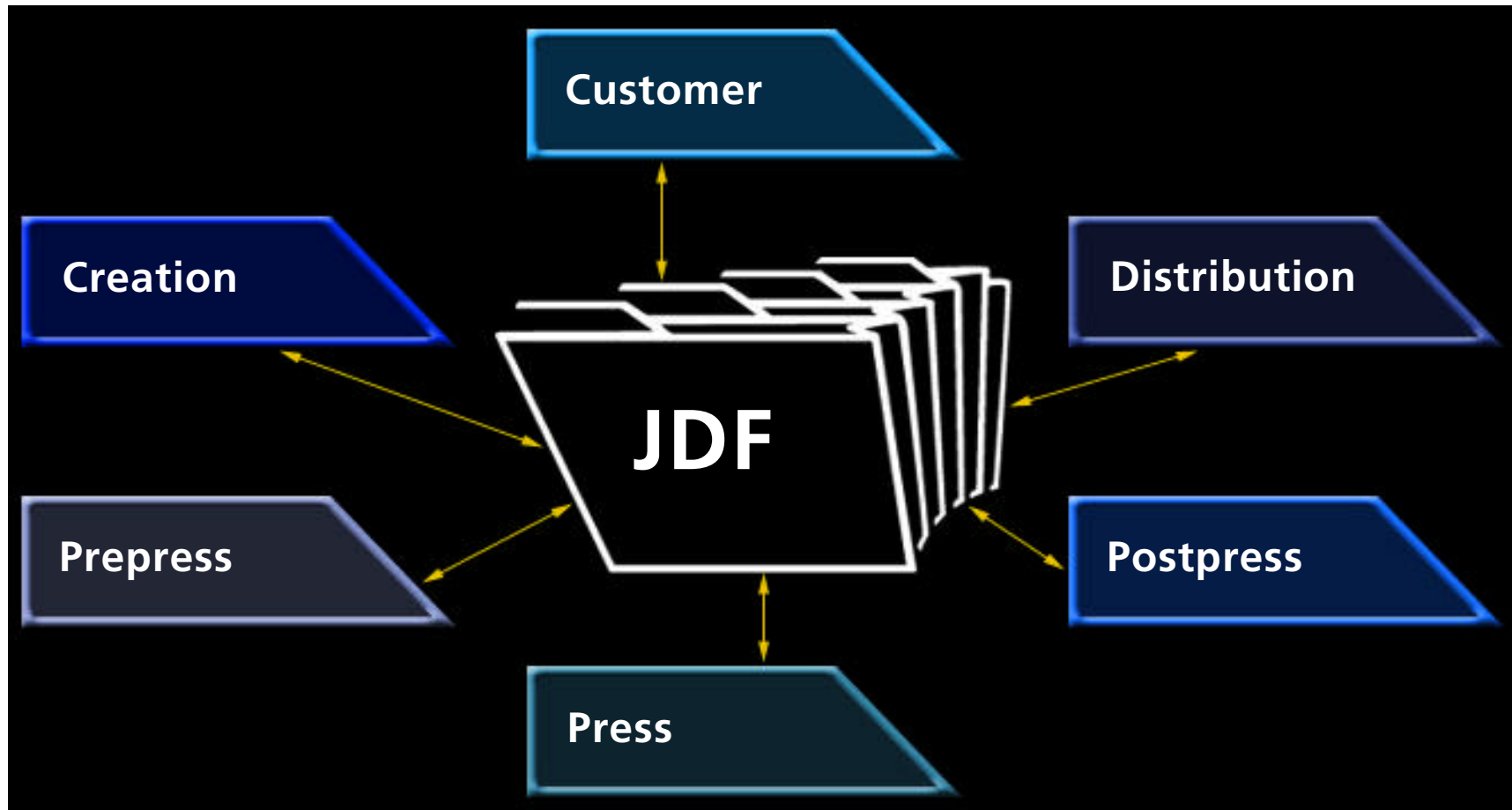
- Job Definition Format (JDF)
- Job Messaging Format (JMF)

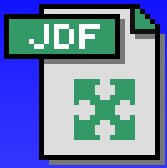




Complete access

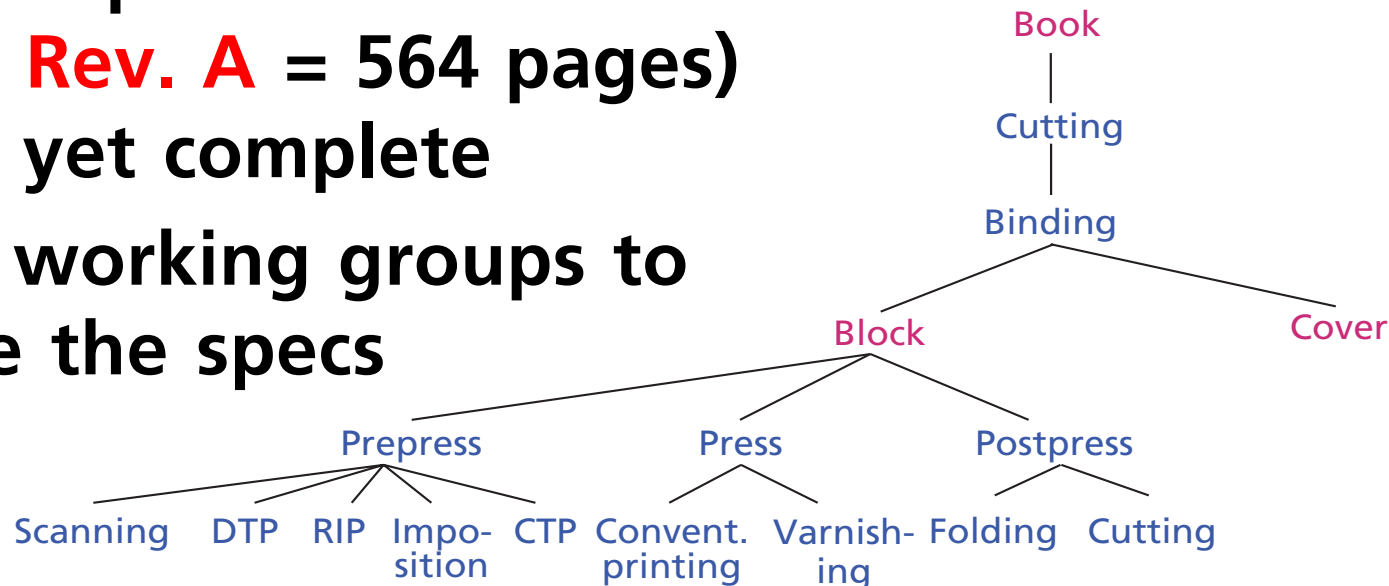
- Access to job information by everybody

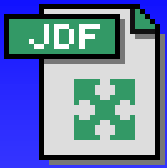




Characteristics

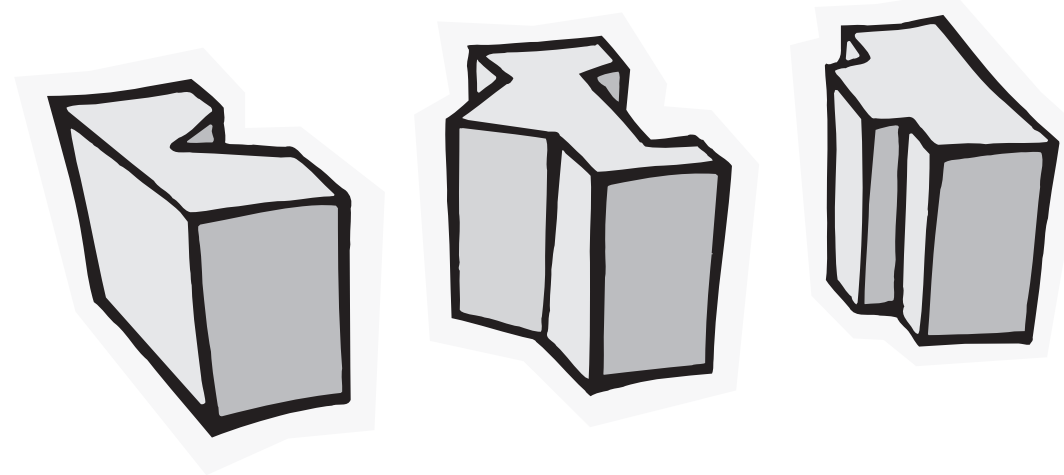
- JDF is a data exchange format;
NOT an application or a system
- JDF describes ONE job
- JDF is encoded in XML
- JDF is comprehensive
(JDF 1.1 **Rev. A** = 564 pages)
but not yet complete
- 26 CIP4 working groups to
enhance the specs

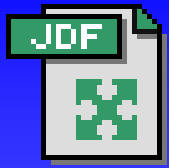




Integration

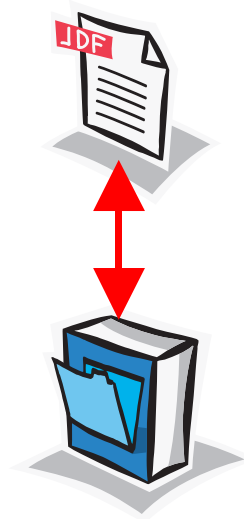
- CIP3-PPF (Print Production Format)
- PJTF (Portable Job Ticket Format)
- IFRAtack (Newspaper production)
- PPML (Personalized Print Markup Language)
- PrintTalk (eCommerce)
- ...

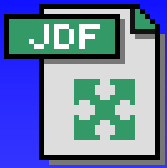




Implementation – Step 1

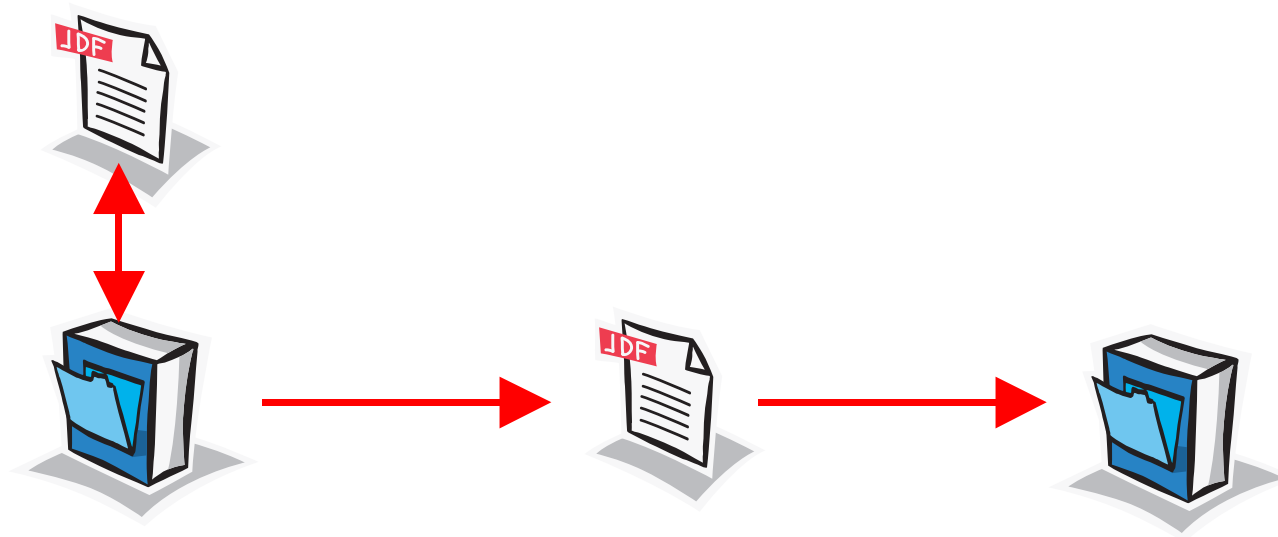
- Internal use in one application

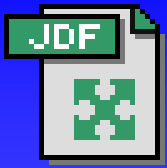




Implementation – Step 2

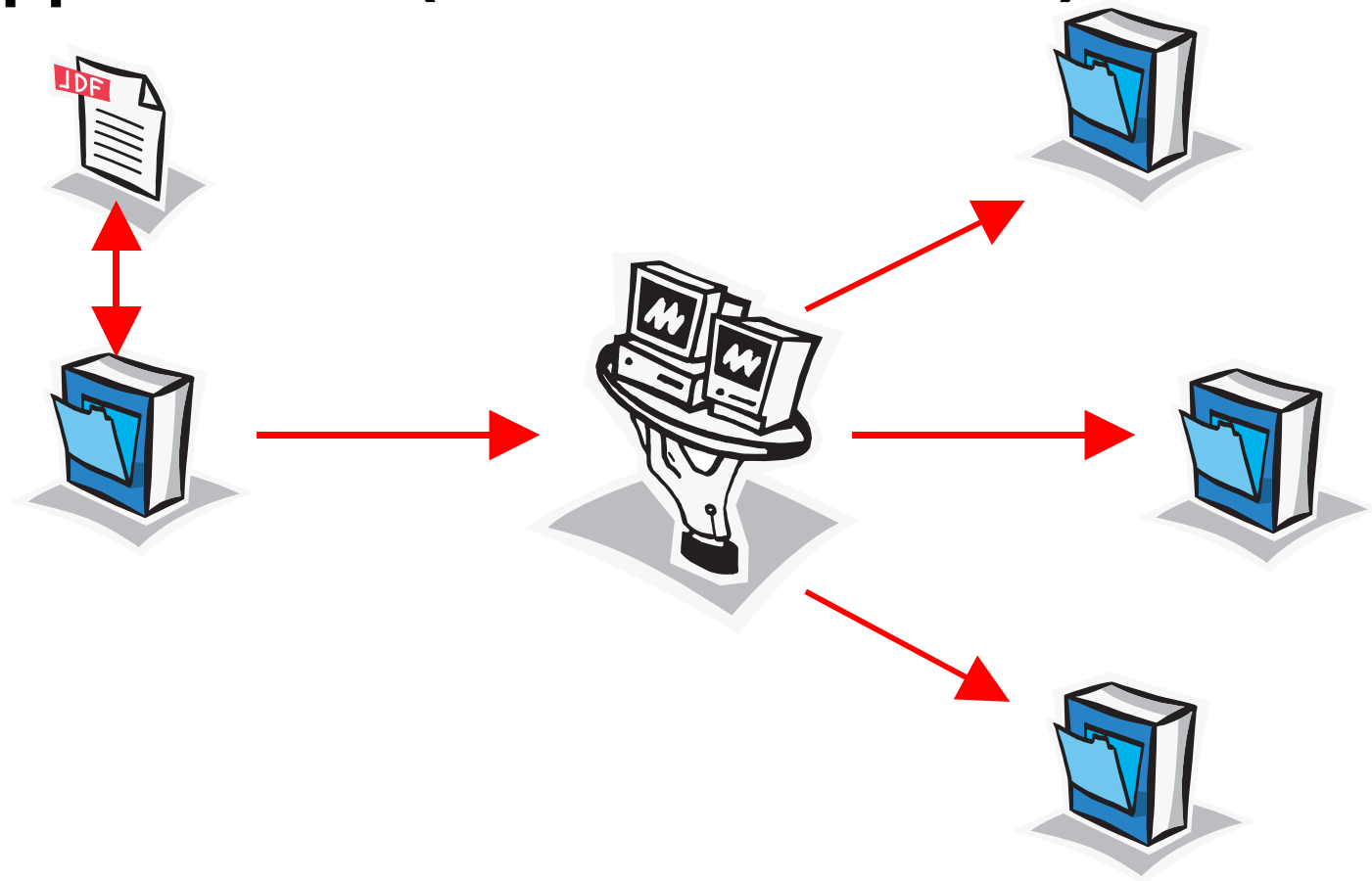
- Exchange of (certain) information with one other application (from same vendor)

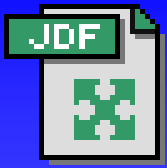




Implementation – Step 3

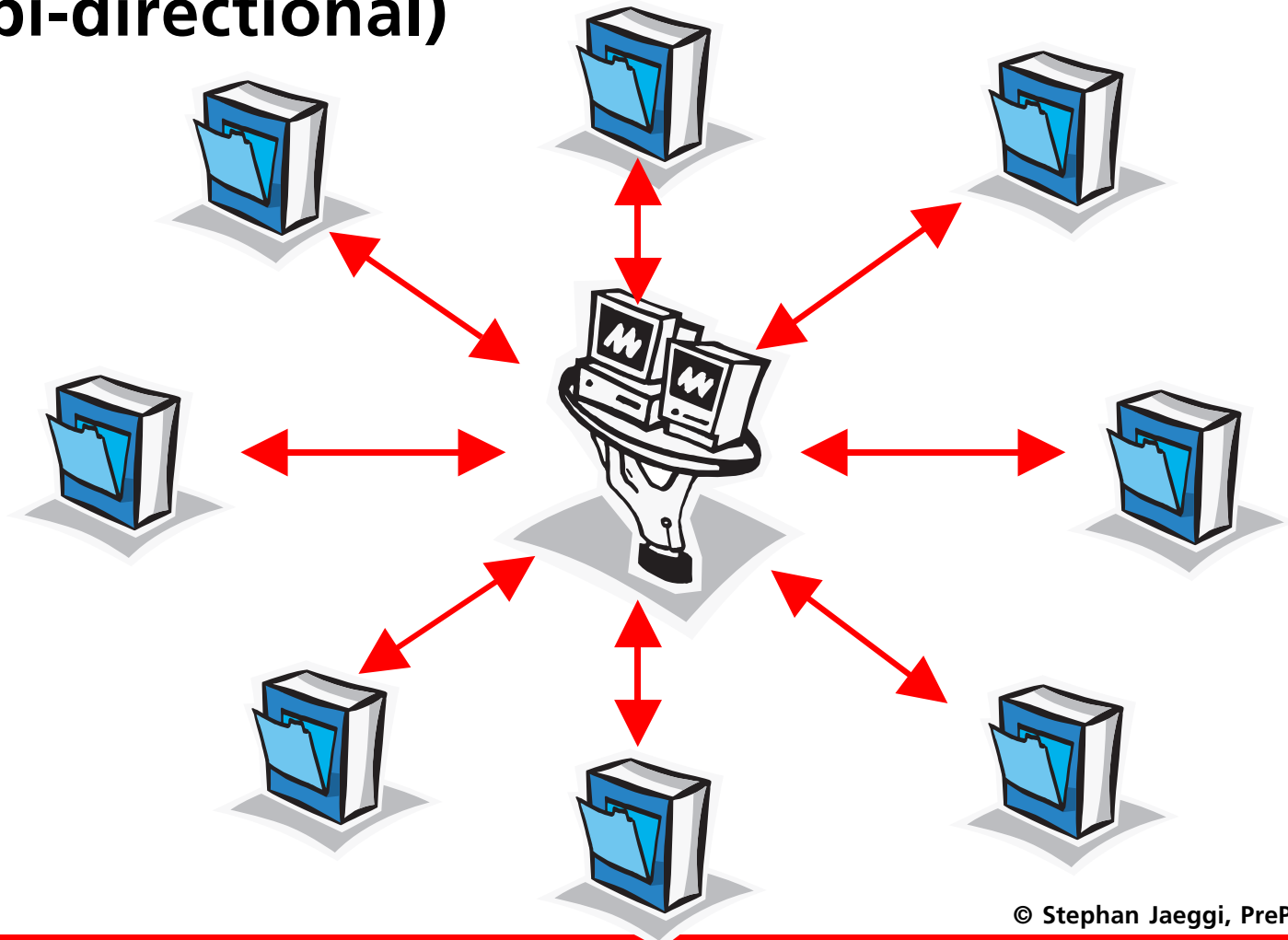
- Exchange of settings with one class of applications (different vendors)

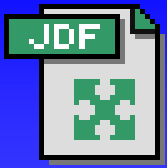




Implementation – Step 4

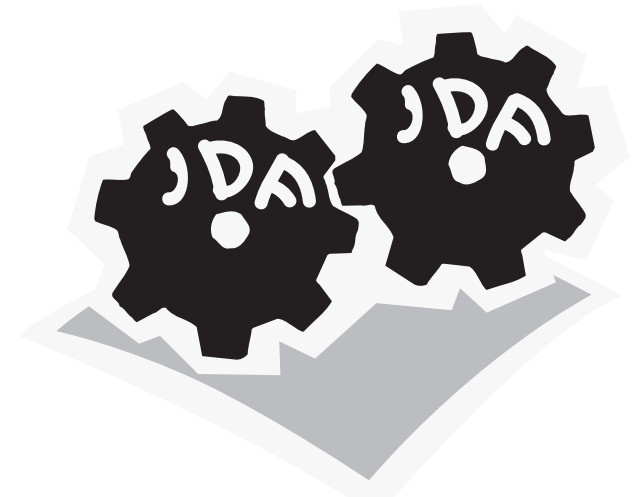
- Integration of multiple applications (bi-directional)

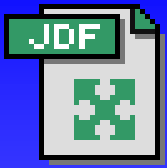




Challenge

- **Integration of a lot of different devices and applications**
 - MIS
 - Prepress
 - Press
 - Postpress
 - Distribution
 - Accounting
 - ...
- **Connect different systems**
 - Customer
 - Supplier
 - Production
 - ...





Conclusion

- The acceptance of JDF is already very high ...
- ... but JDF has still a long way to go
- Ultimate goal:
 - Blind exchange of ALL job information between ALL participants in the manufacturing of a print product
 - Computer Integrated Manufacturing (CIM)

