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## Highlights

- Reduces IT labour for application testing and preparation
  - Reduces time managing and updating applications
  - Reduces demand for application related user support
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# Application Virtualization

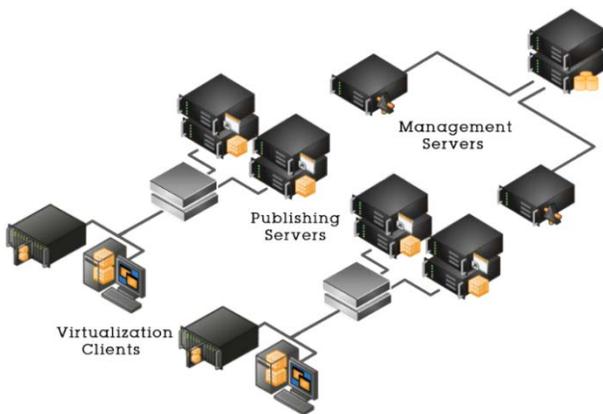
*Saving time, improving quality, and reducing TCO*

School districts probably have the most complex set of applications of any very large organization. Educational applications range from old but tried and true software to new titles that take advantage of current technology to create very interesting and interactive applications. The variety of educational applications required because of the many subject areas and age of the students is significant. For district IT professionals, the difficulty of delivering and managing an increasingly large portfolio of applications continues to grow.

## Reducing the cost of administering applications through centralization of management, provisioning, support, and deployment

Application virtualization helps to reduce this complexity and potential for conflict issues by running applications without actually installing the application on the user machine. A virtual environment is loaded for each application which then executes locally using local resources just as if it were locally installed. The end results are that the underlying file system and registry settings are never changed, applications no longer conflict and the base operating system remains unaltered.

The adoption of application virtualization for PCs enables districts to measurably reduce IT effort; reduce the time required to deliver new or updated applications to users; reduce management complexity and application compatibility issues in the workstation environment; and deliver higher-quality and more responsive services to teachers and students.



## Planning the implementation

When planning for a smooth implementation with rigorous testing, components of your Application Virtualization plan may include:

- Application Virtualization Readiness Assessment
- Virtualization Workshop to determine the best solution
- Creation of Packaging VMs
- Packaging and testing applications
- Technical Skills Transfer in Packaging (packaging theory, tips and tricks, best practices)
- Installation and monitoring of a Pilot/Proof of Concept School
- Rollout of 2 additional schools
- Rollout Planning for entire district
- Technical Training on Application Virtualization Software

## Why IBM?

Our IBM K-12 image specialists will design a customized virtualization solution for your school district based on your unique applications, server and network requirements. Our extensive experience with educational applications allows us to quickly identify applications suitable for virtualization and those that are best suited to be locally installed or slipstreamed into an image. Our knowledge of hundreds of educational applications helps us to know how to get troublesome applications working in a virtual environment and optimize the packaging and delivery to your schools.

## For more information

To learn more about IBM K-12 **Application Virtualization**, please contact your IBM Marketing Representative. For more information on all our IBM K-12 Consulting and Professional Services, visit: [www.ibm.com/industries/education/canada-k-12-service-briefs](http://www.ibm.com/industries/education/canada-k-12-service-briefs)



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