



**Peter R. Benson**

**Executive Director and Chief Technical Officer**

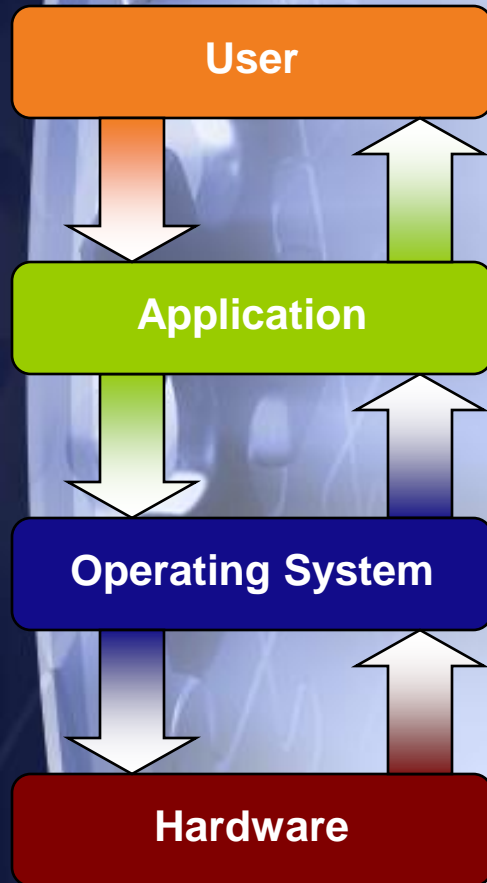
**ECCMA**

**ECCMA 10<sup>th</sup> Anniversary Conference**

27<sup>th</sup> to 29<sup>th</sup> October 2009

**Cataloging at Source - the last piece of the puzzle**

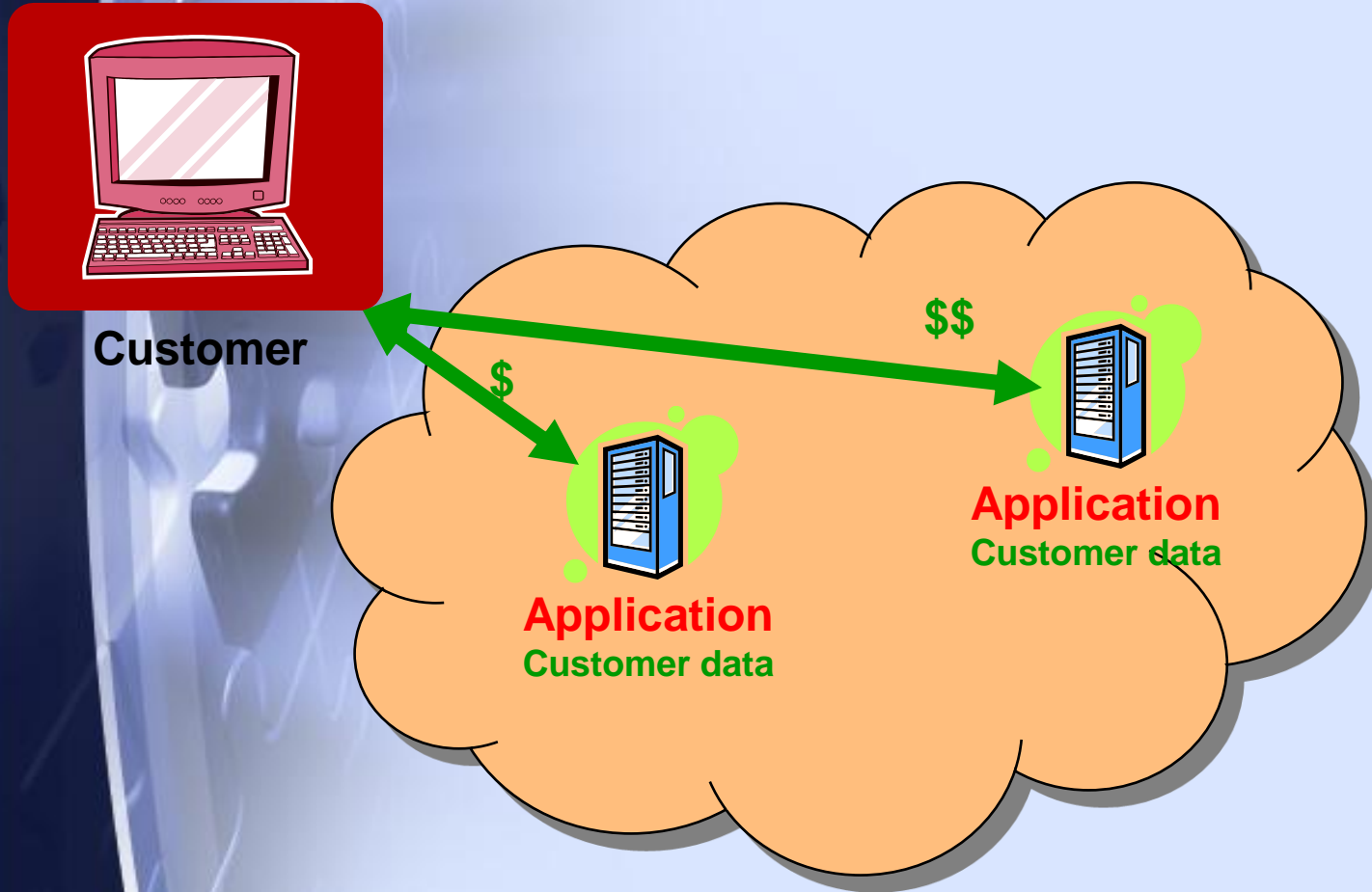
# Operating systems as a solution to hardware "lock-in"



An operating system is the infrastructure software component of a computer system which is responsible for the management and coordination of activities and the sharing of the limited resources of the computer. The operating system acts as a host for applications that are run on the machine.

**1969 - UNIX**  
**1974 - CP/M**  
**DOS**  
**Windows**

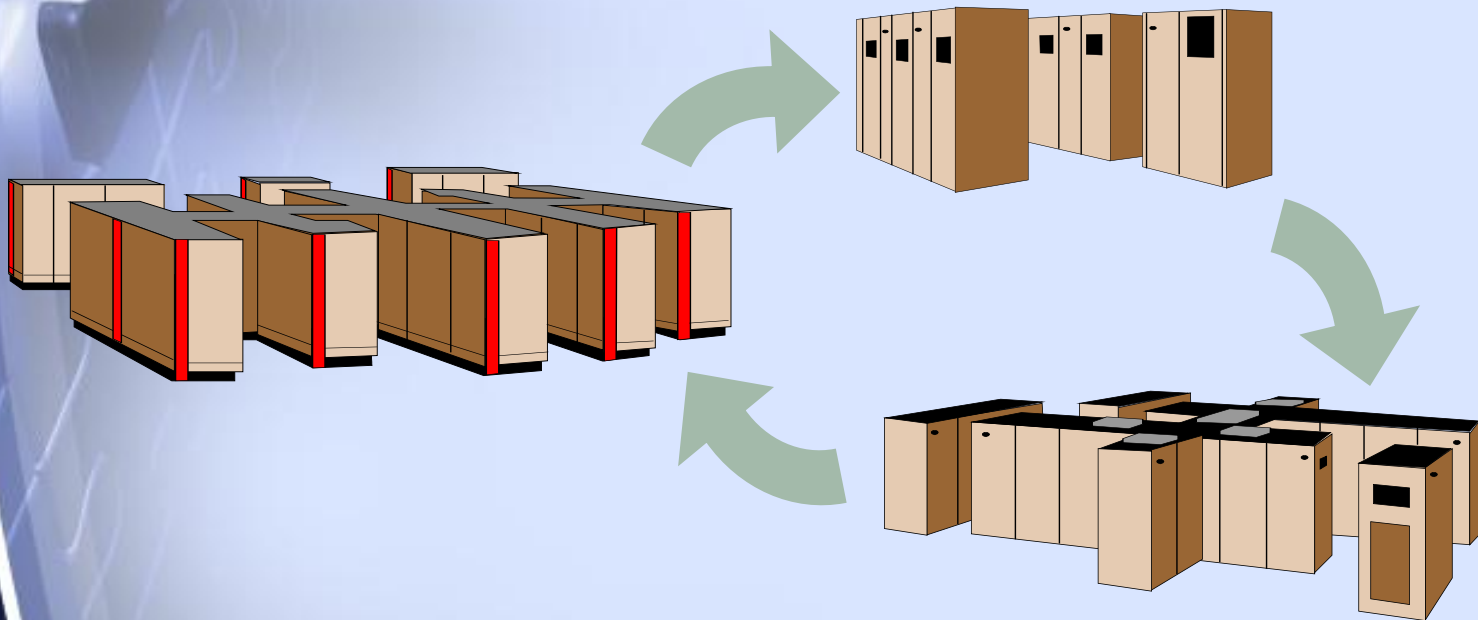
# Vision of the Future – the service provider view



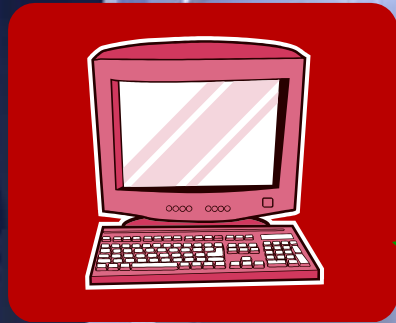
**Storing customer data within the application creates  
“customer lock-in”**

## Portable data

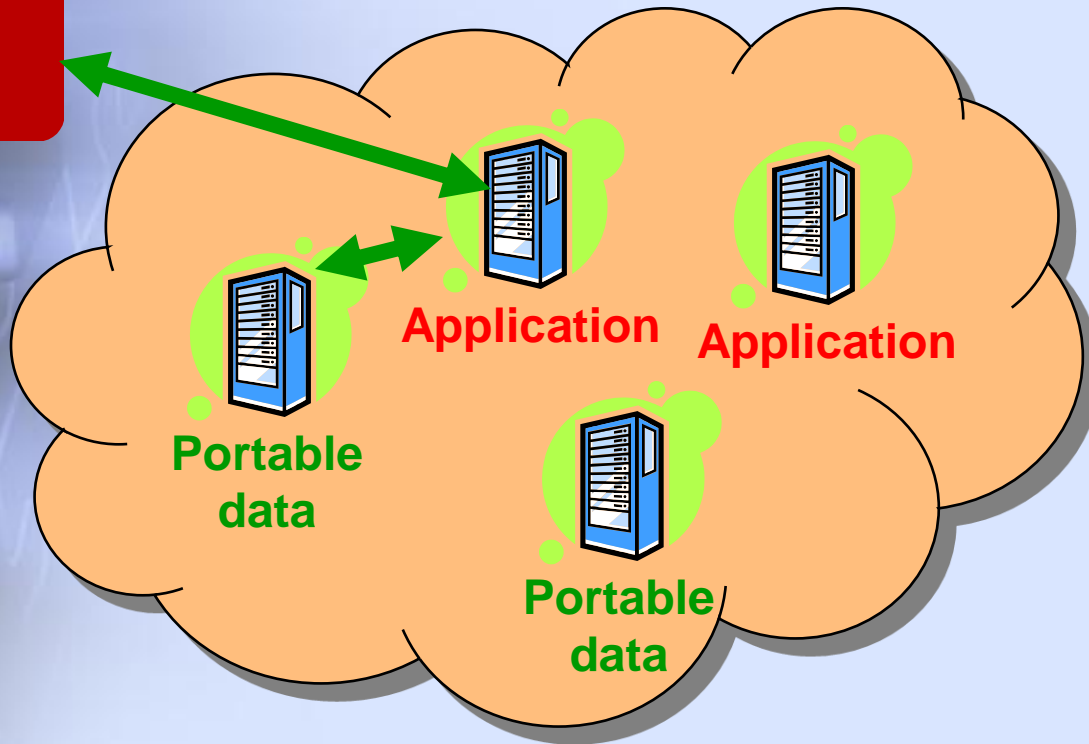
Portable data – data that is independent of hardware, operating system *and application software*.



# Vision of the Future – the Customer view



Customer



# ISO 8000 is the solution to Application "lock-in"

