

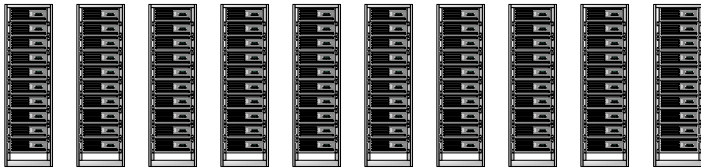
## Green Technology @ Work

# Other Ways MIS Contributes to 'Green' Your Work Environment

## Virtualization

Virtualization is a process that allows many logically and operationally independent computers to exist on servers. MIS took 90 servers and virtualized them into 6 servers.

**Before virtualization: 90 servers**



**After virtualization: 6 servers**



Savings gained from virtualization include reduced energy costs and CO2 emissions.

	Energy Use per Year	Energy Cost	CO2 Emission
<b>90 Servers</b>	236,520 kWh	\$54,399.60	159.651 tons
<b>6 Servers</b>	52,560 kWh	\$12,088.80	35.478 tons
<b>Savings</b>	<b>183,960 kWh</b>	<b>\$42,310.80</b>	<b>124.173 tons</b>

## E-Forms

In an effort to reduce paper and streamline business processes, MIS will continue to support departments in converting paper forms to electronic forms.

Dept.	Average Number of Forms per Month	Cost of Using Paper Forms @ \$160 per Form	Cost of Using E-Forms	Savings
MIS	315	\$50,400	\$1,890	\$48,510
Auditing	95	\$15,200	\$570	\$14,630

Cost per Form	Paper Forms	E-Forms	Savings
Printing & Storage	\$15	\$1	\$14
Filing, Processing & Keying	\$145*	\$5**	\$140
Cost per Completed Form	\$160	\$6	\$154

\* Includes: Employee time filling by hand, routing completed form for approval, routing to end user, manual keying into application, cost of lost forms and keying errors.

\*\* Includes: Completing form, submitting form, processing form data into database or back office application.

Source: Bill Gates, "Business at The Speed of Thought, Succeeding in the Digital Economy"