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To provide insight for enhancing wealth
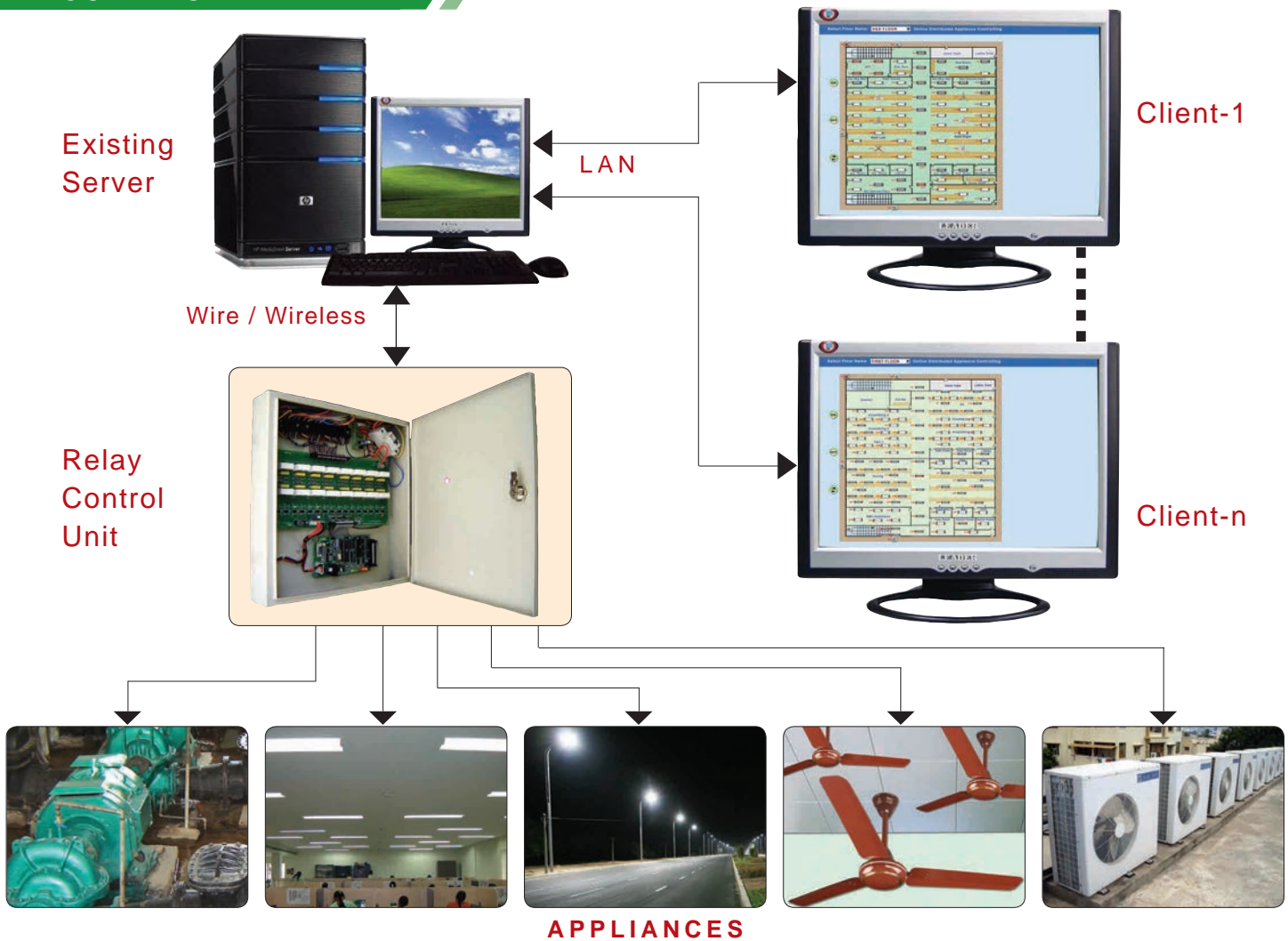
ON-LINE DISTRIBUTED APPLIANCE CONTROL

APPLICATION PURPOSE

❖ On-line distributed appliance control is a system to control the electrical appliances distributed over a large area remotely from a central place.

❖ This helps to save power and time of the user as the appliances can be controlled at any time with a click.

BLOCK DIAGRAM

Existing Server

L A N

Client-1

Wire / Wireless

Relay Control Unit

Client-n

A P P L I A N C E S

BENEFITS

❖ On / Off timings of the appliances can be known.

❖ Run hours of an appliance can be calculated which helps in estimating the life expectancy of an appliance.

❖ User who has switched the appliance can be identified.

❖ Appliances can be switched off automatically during week off's/holidays.
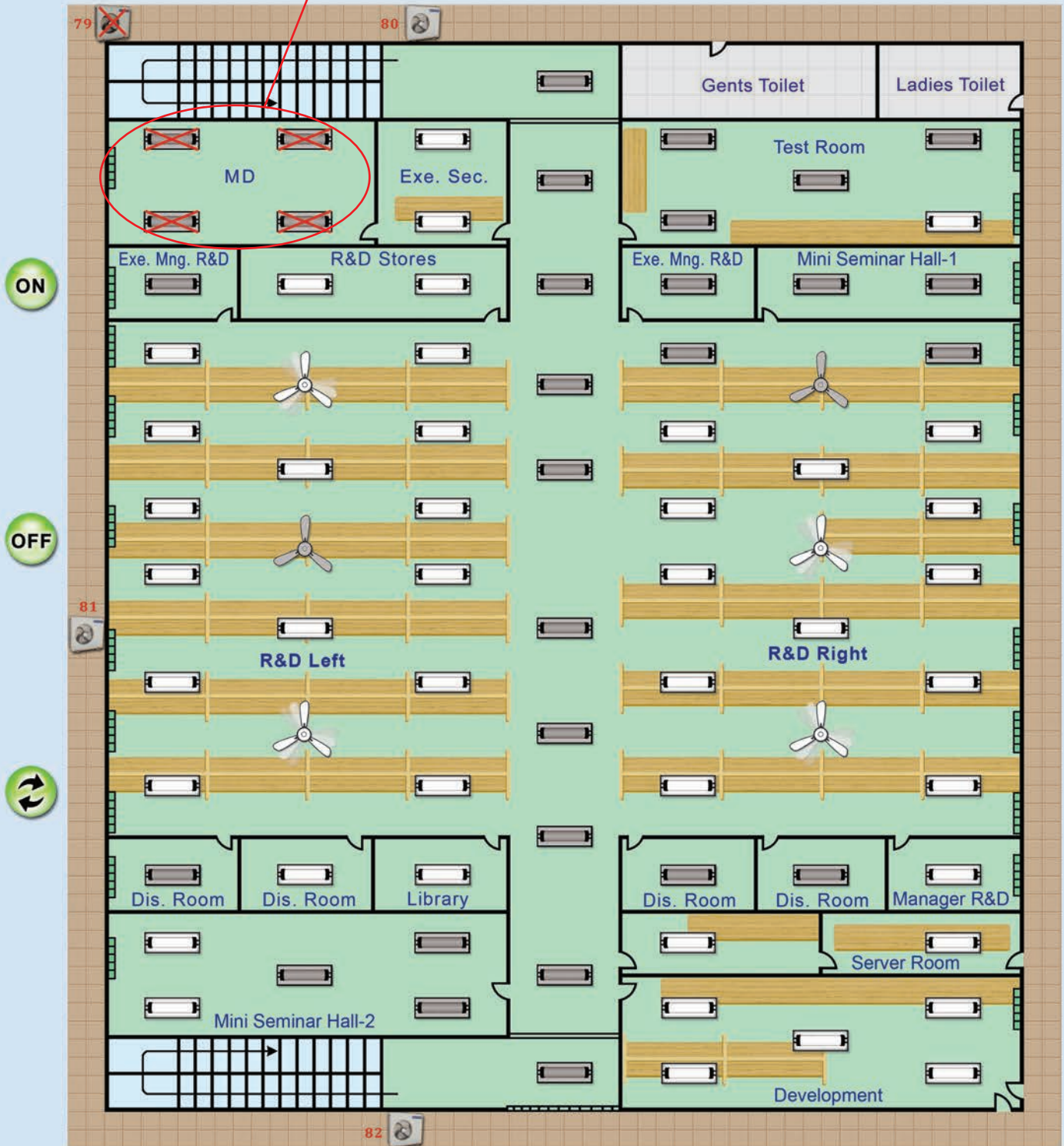
❖ Helps in reduction of power consumption

FEATURES

❖ Position of appliances according to the specified layout can be fixed.

❖ Shows the present status of appliance(s) (On / Off).

❖ Selected appliances can be grouped for group wise appliances control.

❖ Password protection for switching high prior appliances.

❖ Time based automatic appliance(s) control can be done.

❖ Special appliances can be blocked from non authenticated users.

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USER DEFINED LAYOUT(S)

Select Floor Name: **R&D FLOOR** ▼ **Online Distributed Appliance Control**

Special appliances can be blocked from controlling

ON

OFF

79   80

MD   Exe. Sec.   Gents Toilet   Ladies Toilet

Test Room

Exe. Mng. R&D   R&D Stores   Exe. Mng. R&D   Mini Seminar Hall-1

R&D Left   R&D Right

81

Dis. Room   Dis. Room   Library   Dis. Room   Dis. Room   Manager R&D

Server Room

Mini Seminar Hall-2   Development

82