



ABSTRACT

A network system is logically established according to path information to circulate a data throughout a complex of electronic equipments which are communicably connected to one another. Each electronic equipment has at least either of a receiver port which receives a data and a transmitter port which transmits a data. The path information is effective to enable a primary electronic equipment having a receiver port to identify a secondary electronic equipment having a corresponding transmitter port. The primary electronic equipment opens a logical path of the data connecting between its own receiver port and the corresponding transmitter port of the secondary electronic equipment according to the provided path information to thereby enable circulation of the data throughout the complex of the electronic equipments.