What is claimed is:

1. A method for propagating information signals for linking a plurality of servers within a closed circuit e-commerce comprising at least one e-provider server and at least one building server linked via at least one network for exchanging e-shopping signals with at least one shopping terminal including one of differential and balanced signal processing circuit connected to one end of at least one twisted pair of internal communication lines of said building with the other end of said twisted pair is connected to a complementary processing circuit of a main router;

said shopping terminal comprising a terminal memory for storing programs and content of said closed circuit e-commerce and a CPU for recalling and operating a shopping display screen for choosing and ordering at least one of services and merchandise stored in said terminal memory, said e-shopping signals including inbound high speed signals for updating said e-commerce programs and content are propagated between said building server via at least one interface of said main router for routing said e-shopping signals to a selected said twisted pair, said method comprising the steps of:

a. loading said e-commerce programs and content into said terminal memory;

b. updating said terminal memory for maintaining said services and merchandise updated;

c. recalling and operating said shopping display screen for said choosing and ordering at least one of services and merchandise;

d. propagating shopping signals comprising a completed order to said provider server.

2. The method according to claim 1, wherein said at least one e-provider including at least one of a delivery station and a shop in one of said building and distant location for at least one of providing services and delivering merchandise, said method comprising the further step of:

e. delivering said completed order to a dweller of an apartment propagating said order.

3. The method according to claim 2, wherein a payment for said one of services and merchandise is subject to delivery acknowledgement by said dweller via one of a delivery device used by a deliveryman and the shopping terminal of said apartment, said method comprising the further step of:

f. acknowledging the delivery by one of keying a pre-assigned code via said delivery device and one of touching an assigned icon displayed on the screen of said shopping terminal of said apartment.

4. The method according to claim 1, wherein said building server is at least one of a stand-alone and a cloud computing via said network selected from a group comprising a private network, a dedicated network, a public network, the internet, a Virtual Private Network (VPN) and combinations thereof, said signals propagated via said network are selected from a group comprising electrical signals, RF signals, optical signals and combinations thereof and said shopping terminal is selected from a group comprising a video interphone monitor, a television receiver, a cable television receiver, a terrestrial television receiver, a set-top box, a cable television box, a television converter box, a dedicated shopping box, a dedicated shopping terminal and combinations thereof.

5. The method according to claim 1, wherein said information signals are selected from a group comprising audio signal, video signal, data signal, code signal, control signal, command signal, alarm signal, emergency signal and combinations thereof and said internal communication lines

are connected between said at least one shopping terminal and said main router by at least one cable selected from a group comprising said one twisted pair, multi core cable, plurality of twisted pairs cable, antenna cable, coax cable, shielded cable, fiber optic cable and combinations thereof.

6. The method according to claim 1, wherein at least one of a data signal, a code signal, a control signal and a command signal of said information signal are modulated FSK and ASK signals respectively, separated from each other by their carrier frequencies for enabling simultaneous propagation via said internal communication lines, and wherein said FSK signal includes high speed data signals for actions selected from a group comprising loading, upgrading, updating, adding, modifying, deleting, downloading and combinations thereof as timed by one of said ASK signal and self-timing by said FSK signal.

7. The method according to claim 1, wherein said processing circuit of at least one of said shopping terminal and a video interphone monitor is fed via one of a second twisted pair with regulated DC voltage for operating said shopping terminal and via said one twisted pair with one of a controlled DC current sufficient for at least one of maintaining standby power for responding to commands

including said updating and increased DC current feed for said maintaining standby power including a power for charging one of a rechargeable battery associated with and build into one of said shopping terminal and video interphone monitor.

8. The method according to claim 1, wherein said closed circuit e-commerce is managed by a central entity for controlling e-providers selected from a group comprising service providers, merchandise providers, alarm monitoring providers, insurance providers, credit providers, financing and bank providers, medical providers, elderly care providers, travel and transportation providers, entertainment providers, guard and security providers and combinations thereof.

9. The method according to claim 1, wherein said at least one e-provider including at least one of delivery station and a shop in one of said building and distant location is using delivery devices including at least one of a delivery tablet and a smart cart for eliminating delivery errors, each said delivery devices including a CPU and a delivery memory, an operating delivery display screen, delivery status indicators, operating keys and modules selected from a group comprising RF transceiver, barcode reader, RFID reader, at least one camera and combinations thereof, said method comprising the further steps of:

e. receiving and displaying the complete order including the ordering apartment particulars onto said delivery display screen;

f. picking up and sweeping each picked up item of merchandise shown in said delivery display via at least one of said RFID and barcode reader;

g. gathering the picked up at least one item into at least one of said smart cart, a cart or basket;

h. verifying via one of said status indicators and said delivery display that the gathered at least one item and the completed order are corresponding with no pickup error; and

i. delivering the gathered merchandise to a dweller of said ordering apartment.

10. The method according to claim 9, wherein a payment for said one of services and merchandise is subject to delivery acknowledgement by said dweller via one of said delivery devices used by a deliveryman and the shopping terminal of said dwelling unit, said method comprising the further step of:

j. acknowledging the delivery by one of keying a pre-assigned code via said delivery device and touching one of assigned

icon displayed on the shopping screen and a key of said apartment; and

k. communicating the acknowledgement of said delivering via said RF transceiver with at least one of said building server direct and with said building server via said shopping terminal of said apartment.

11. The method according to claim 9, wherein a picture of a dweller receiving said delivering is taken by said camera for record keeping in a memory of said building server.

12. The method according to claim 1, wherein said at least one e-provider including at least one delivery station in one of said building and distant location for delivering merchandise employing storage facilities selected from a group comprising racks, shelves, bins, cabinets, pallets, stands, carts, baskets, containers, refrigerators, freezers, warmers, coolers and combinations thereof;

said delivery station further employing storage devices for aiding pickup and delivery including a CPU and storage memory, an operating storage display screen, status indicators, operating keys and modules selected from a group comprising at least one RF transceiver, barcode reader, RFID reader and combinations thereof for attachment to each of said storage

facilities for at least one of displaying and indicating data and statuses selected from a group comprising the stored merchandise, expiry date, price, basic stock quantity, minimum stock quantity, out of stock, order received, quantity on order, the ordering apartment particulars, pickup status, regular delivery, urgent delivery, requested delivery time and combinations thereof, said method comprising the steps of:

a. attaching a given storage device to a specific storage facility storing a specific item of said merchandise;

b. loading data pertaining said specific item and particulars of at least one apartment to said storage memory;

c. displaying via said storage display and indicators one of status and particulars pertaining to said specific item and a received order;

d. picking up said specific item when said storage display showing it to be in said received order;

e. sweeping the picked up item via at least one of said RFID and barcode reader for recording the pickup and adjusting the stock of said given storage;

f. updating the data pertaining to the picked up item of said delivery device and said server of said delivery station via said RF transceiver.

13. The method according to claim 12, wherein said data pertaining the picked up item remains data in transition awaiting one of receiving delivery acknowledgement and a cancelation by a dweller of said apartment.

14. An apparatus for exchanging information signals within a closed circuit e-commerce between at least one shopping terminal connected via internal communication lines to a main router including at least one interface of a building for routing and communicating e-shopping signals for one of services and merchandise between a building server and at least one server of an e-provider via at least one network;

said shopping terminal comprising a terminal memory for storing programs and content of said closed circuit e-commerce, a CPU for recalling and operating shopping display screen for choosing and ordering at least one of said services and merchandise and a signal processing circuit connected to one end of at least one twisted pair of said internal communication lines with the other end of said twisted pair is connected to a complementary processing circuit of said main router;

each said server is one of a stand-alone and a cloud computing for storing and maintaining said e-shopping program

and content updated via said network including the updating of said terminal memory by high speed inbound signal via said building server through said main unit for processing and routing the inbound signal via said signal processing and complementary circuits for propagating one of differential and balanced signal via said internal communication lines.

15. The apparatus according to claim 14, wherein exchanging said information signals are extended to include said shopping signal exchanges between the e-provider server and at least one of a delivery station and a shop located in one of said building and distant location for processing a complete order received from at least one apartment for delivering at least one of the ordered services and merchandise.

16. The apparatus according to claim 15, wherein a payment for said one of services and merchandise is subject to delivery acknowledgement by a dweller of said apartment by one of keying a code via a delivery device used by a deliveryman and touching one of displayed icon and a key of the shopping terminal of said apartment.

17. The apparatus according to claim 14, wherein said building server is at least one of a stand-alone and a cloud computing via said network selected from a group comprising a private

network, a dedicated network, a public network, the internet, a Virtual Private Network (VPN) and combinations thereof, said signals propagated via said network are selected from a group comprising electrical signals, RF signals, optical signals and combinations thereof and said shopping terminal is selected from a group comprising a video interphone monitor, a television receiver, a cable television receiver, a terrestrial television receiver, a set-top box, a cable television box, a television converter box, a dedicated shopping box, a dedicated shopping terminal and combinations thereof.

18. The apparatus according to claim 14, wherein said information signals are selected from a group comprising audio signal, video signal, data signal, code signal, control signal, command signal, alarm signal, emergency signal and combinations thereof and said internal communication lines are connected between said at least one shopping terminal and said main router by at least one cable selected from a group comprising said one twisted pair, multi core cable, plurality of twisted pairs cable, antenna cable, coax cable, shielded cable, fiber optic cable and combinations thereof.

19. The apparatus according to claim 14, wherein at least one of a data signal, a code signal, a control signal and a command

signal of said information signal are modulated FSK and ASK signals respectively, separated from each other by their carrier frequencies for enabling simultaneous propagation via said internal communication lines, and wherein said FSK signal includes high speed data signals for actions selected from a group comprising loading, upgrading, updating, adding, modifying, deleting, downloading and combinations thereof as timed by one of said ASK signal and self-timing by said FSK signal.

20. The apparatus according to claim 14, wherein said processing circuit of at least one of said shopping terminal and a video interphone monitor is fed via one of a second twisted pair with regulated DC voltage for operating said shopping terminal and via one of said one twisted pair with a controlled DC current sufficient for at least one of maintaining standby power for responding to commands including said updating and increased DC current feed for said maintaining standby power including a power for charging one of a rechargeable battery associated with and build into one of said shopping terminal and video interphone monitor.

21. The apparatus according to claim 14, wherein said closed circuit e-commerce is managed by a central entity for controlling e-providers selected from a group comprising

service providers, merchandise providers, alarm monitoring providers, insurance providers, credit providers, financing and bank providers, medical providers, elderly care providers, travel and transportation providers, entertainment providers, guard and security providers and combinations thereof.

22. The apparatus according to claim 15, wherein said at least one e-provider including at least one of delivery station and a shop in one of said building and distant location is using delivery devices including at least one of a delivery tablet and a smart cart for eliminating delivery errors, said delivery devices including a CPU and a delivery memory, an operating delivery display screen for displaying said complete order, delivery status indicators for indicating the status of the picked up items included in said order, operating keys for operating the delivery device and modules selected from a group comprising barcode and RFID reader for verifying that the picked up at least one item and said order are corresponding, at least one camera for record keeping of said delivery in said server of said building, RF transceiver for communicating said delivery with said server of said provider and combinations thereof.

23. The apparatus according to claim 22, wherein a payment for said one of services and merchandise is subject to delivery

acknowledgement by a dweller of said apartment by one of keying a code via a delivery device used by a deliveryman and touching a displayed icon or a key of the shopping terminal of said apartment.

24. The apparatus according to claim 22, wherein a picture of a dweller receiving said delivering is taken by said camera for record keeping in a memory of said building server.

25. The apparatus according to claim 14, wherein said at least one e-provider including at least one of a delivery station and a shop in one of said building and distant location for delivering merchandise employing storage facilities selected from a group comprising racks, shelves, bins, cabinets, pallets, stands, carts, baskets, containers, refrigerators, freezers, warmers, coolers and combinations thereof, said delivery station further employing storage devices for attaching each given storage device to a specific storage facility storing a specific item of said merchandise;

said storage device for attachment to each of said storage facilities for aiding pickup and delivery including a CPU and storage memory for loading data and particulars pertaining to at least one apartment and to said specific item selected from a group comprising the stored merchandise, expiry date,

price, basic stock quantity, minimum stock quantity, out of stock, order received, quantity on order, the ordering apartment, pickup status, regular delivery, urgent delivery, requested delivery time and combinations thereof;

said storage device further comprising an operating storage display screen and status indicators for displaying and indicating statuses and updated data of said particulars including detailed listing of said order received, operating keys and modules selected from a group comprising barcode and RFID readers for sweeping, verifying, recording and gathering the picked up item for delivering to a dweller of said apartment and combinations thereof and an RF transceiver for communicating the data pertaining to the picked up item for updating the data of at least one of a delivery device and said server of said e-provider.

26. The apparatus according to claim 25, wherein said data pertaining to the picked up item remains data in transition awaiting one of acknowledgement and a cancelation by said dweller to become final.

AMENDED CLAIMS
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WHAT IS CLAIMED IS:

~~27~~. An apparatus for propagating information signals for linking at least one of a plurality of terminals with a main router of a server included in a closed circuit network, said information signal is bidirectionally propagated via one of a pair of differential signal and balanced impedance circuits terminating two ends of a single twisted pair line of internal communication lines connecting said terminals to said main router, each of said circuits comprising an high frequency carrier FSK and a lower frequency carrier ASK modulators and demodulators connected to an I/O ports of a CPU for propagating high speed and lower speed signals simultaneously via said twisted pair separated by the carrier frequencies; and

said CPU controls the propagation timing of one of a data and a command signal by propagating the information content via one of said high speed and lower speed signal and at least one of said timing and command via the other speed signal including the acknowledging receipt of at least one of said content and said command via said one of high speed and lower speed signal.

~~28~~. The apparatus according to claim ~~27~~, wherein said server is at least one of a stand-alone and a cloud computing via said network selected from a group comprising a private network, a dedicated network, a public network, the internet, a Virtual Private

Network (VPN) and combinations thereof, said signals propagated via said network are selected from a group comprising electrical signals, RF signals, optical signals and combinations thereof and said terminal is selected from a group comprising a video interphone monitor, a television receiver, a cable television receiver, a terrestrial television receiver, a set-top box, a cable television box, a television converter box, a dedicated shopping box, a dedicated shopping terminal and combinations thereof.

~~29~~. The apparatus according to claim ~~27~~, wherein said information signals are selected from a group comprising audio signal, video signal, data signal, code signal, control signal, command signal, alarm signal, emergency signal and combinations thereof and each of said internal communication line is selected from a group comprising one twisted pair, multi core cable, plurality of twisted pairs cable, antenna cable, coax cable, shielded cable, fiber optic cable and combinations thereof.

~~30~~. The apparatus according to claim ~~27~~, wherein at least one of said data signal, a code signal, a control signal and said command signal of said information signal are high speed data signals for actions selected from a group comprising loading, upgrading, updating, adding, modifying, deleting, downloading and combinations thereof.

~~31~~. The apparatus according to claim ~~30~~, wherein a processing circuit of said terminal is powered via one

of said twisted pair with a regulated DC current and via second twisted pair with a controlled DC voltage sufficient for at least one of maintaining standby power for responding to commands including said updating and an increased power for said maintaining standby power including a power for charging one of a rechargeable battery associated with and build into said terminal.

~~32~~. The apparatus according to claim ~~27~~, wherein said closed circuit comprising e-providers selected from a group comprising e-service providers, e-merchandise providers, e-alarm and security providers, e-insurance providers, e- payment providers, e-medical providers, e-elderly care providers, e-travel and transportation providers, e-entertainment and game providers, e-music and movie providers and combinations thereof, managed and controlled by a central entity.

~~33~~. The apparatus according to claim ~~32~~, wherein said at least one of a plurality of terminals and said main router of a server included in said closed circuit network are housed in one of a building and distant and a delivery services are provided by one of said e-merchandise and e-service provider from one of a delivery station and a shop within one of said building and distant in compliance with an order received from at least one dweller of said building via one of said central entity and said e-payment provider, said one of delivery station and shop comprising a station server at least one of storage devices and delivery devices for gathering at least

one of merchandise and service item of said order, delivering and acknowledging a delivery by said dweller via one of said shopping terminal and said delivery device and propagating said acknowledgement via said network to said one of central entity and e-payment provider for executing the payment.

~~34~~. The apparatus according to claim ~~33~~, wherein said smart delivery device is selected from a group comprising a delivery tablet, a smart cart, a smart basket and combinations thereof, each said delivery device including a CPU and a delivery memory, an operating delivery display screen, delivery status indicators, operating keys and modules selected from a group comprising RF transceiver, barcode reader, RFID reader, a camera and combinations thereof for verifying said gathering and said delivery.

~~35~~. The apparatus according to claim ~~33~~, wherein said payment is transacted by said one of central entity and e-payment provider selected from a group comprising an e-credit provider, an e-credit card provider, an e-bank provider, an e-financing provider, an e-clearing house provider and combinations thereof.

~~36~~. The apparatus according to claim ~~34~~, wherein a picture of a dweller receiving said delivery is taken by said camera for record keeping in a memory of said building server.

~~37~~. The apparatus according to claim ~~33~~, wherein said storage devices of said one of delivery station and

shop are attached to storage facilities selected from a group comprising racks, shelves, bins, cabinets, pallets, stands, carts, baskets, containers, refrigerators, freezers, warmers, coolers and combinations thereof for preventing gathering and delivery error;

said storage devices for aiding pickup and delivery including a CPU and storage memory, an operating storage display screen, status indicators, operating keys and modules selected from a group comprising at least one RF transceiver, barcode reader, RFID reader and combinations thereof for attachment to each of said storage facilities for at least one of displaying and indicating data and statuses selected from a group comprising the stored merchandise, expiry date, price, basic stock quantity, minimum stock quantity, out of stock, order received, quantity on order, the ordering apartment particulars, pickup status, regular delivery, urgent delivery, requested delivery time and combinations thereof; and

wherein said storage display screens and indicators identify the status and particulars pertaining to a received order for processing the pickup and said gathering of said merchandise by sweeping each picked up item via at least one of said RFID and barcode reader for recording the pickup item, and adjusting the stock of said given storage, the data pertaining to the picked up item recorded in said delivery device and said station server.

~~38~~. The apparatus according to claim ~~37~~, wherein said data pertaining the picked up item remains data in transition awaiting one of receiving delivery acknowledgement and a cancelation by a dweller of said apartment.

~~39~~. A method for propagating information signals for linking at least one of a plurality of terminals with a main router of a server included in a closed circuit network, said information signal is bidirectionally propagated via one of a pair of differential signal and balanced impedance circuits terminating two ends of a single twisted pair line of internal communication lines connecting said terminals to said main router, each of said circuits comprising an high frequency carrier FSK and a lower frequency carrier ASK modulators and demodulators connected to an I/O ports of a CPU for propagating high speed and lower speed signals simultaneously via a single twisted pair separated by the carrier frequencies;

said CPU controls the propagation timing of one of a data and a command signal by propagating the information content via one of said high speed and lower speed signal and at least one of said timing and command via the other speed signal, said method comprising the steps of:

a. generating and propagating said at least one timing and commands via one of said high speed and lower speed signal;

b. propagating said content via said the other speed signal; and

c. acknowledging receipt of at least one of said content and said command via said one of high speed and lower speed signal.

~~40~~. The method according to claim ~~39~~, wherein said server is at least one of a stand-alone and a cloud computing via said network selected from a group comprising a private network, a dedicated network, a public network, the internet, a Virtual Private Network (VPN) and combinations thereof, said signals propagated via said network are selected from a group comprising electrical signals, RF signals, optical signals and combinations thereof and said terminal is selected from a group comprising a video interphone monitor, a television receiver, a cable television receiver, a terrestrial television receiver, a set-top box, a cable television box, a television converter box, a dedicated shopping box, a dedicated shopping terminal and combinations thereof.

~~41~~. The method according to claim ~~39~~, wherein said information signals are selected from a group comprising audio signal, video signal, data signal, code signal, control signal, command signal, alarm signal, emergency signal and combinations thereof and each of said internal communication line is selected from a group comprising one twisted pair, multi core cable, plurality of twisted pairs cable, antenna cable, coax cable, shielded cable, fiber optic cable and combinations thereof.

~~42~~. The method according to claim ~~39~~, wherein at least one of said data signal, a code signal, a control signal and said command signal of said information signal are high speed data signals for actions selected from a group comprising loading, upgrading, updating, adding, modifying, deleting, downloading and combinations thereof.

~~43~~. The method according to claim ~~42~~, wherein a processing circuit of said terminal is powered via one of said twisted pair with a regulated DC current and via second twisted pair with a controlled DC voltage sufficient for at least one of maintaining standby power for responding to commands including said updating and an increased power for said maintaining standby power including a power for charging one of a rechargeable battery associated with and build into said terminal.

~~44~~. The method according to claim ~~39~~, wherein said closed circuit comprising e-providers selected from a group comprising e-service providers, e-merchandise providers, e-alarm and security providers, e-insurance providers, e-payment providers, e-medical providers, e-elderly care providers, e-travel and transportation providers, e-entertainment and game providers, e-music and movie providers and combinations thereof, managed and controlled by a central entity.

~~45~~. The method according to claim ~~44~~, wherein said at least one of a plurality of terminals and said main router of a server included in said closed circuit

network are housed in one of a building and distant and a delivery services are provided by one of said e-merchandise and e-service provider from one of a delivery station and a shop within one of said building and distant in compliance with an order received from at least one dweller of said building via one of said central entity and said e-payment provider, said one of delivery station and shop including at least one of storage devices and delivery devices for gathering at least one of merchandise and service item of said order, delivering and acknowledging a delivery, said method comprising the steps of:

a. receiving an order through said one of central entity and e-payment provider propagated from said dweller via said network;

b. gathering without error at least one of merchandise and service item via said at least one of storage device and delivery device;

c. delivering the gathered said at least one of merchandise and service item to said dweller at his place;

d. obtaining an acknowledgement from said dweller via one of said terminal and said delivery device; and

e. propagating said acknowledgement via said building server and said network to said one of central entity and e-payment provider for executing the payment for said delivery.

~~46~~. The method according to claim ~~45~~, wherein said smart delivery device is selected from a group comprising a delivery tablet, a smart cart, a smart basket and combinations thereof, each said delivery device including a CPU and a delivery memory, an operating delivery display screen, delivery status indicators, operating keys and modules selected from a group comprising RF transceiver, barcode reader, RFID reader, a camera and combinations thereof for verifying said gathering and said delivery.

~~47~~. The method according to claim ~~45~~, wherein said payment is transacted by said one of central entity and e-payment provider selected from a group comprising an e-credit provider, an e-credit card provider, an e-bank provider, an e-financing provider, an e-clearing house provider and combinations thereof.

~~48~~. The method according to claim ~~46~~, wherein a picture of a dweller receiving said delivery is taken by said camera for record keeping in a memory of said building server.

~~49~~. The method according to claim ~~45~~, wherein said storage devices of said one of delivery station and shop are attached to storage facilities selected from a group comprising racks, shelves, bins, cabinets, pallets, stands, carts, baskets, containers, refrigerators, freezers, warmers, coolers and combinations thereof for preventing gathering and delivery error;

said storage devices for aiding pickup and delivery including a CPU and storage memory, an operating storage display screen, status indicators, operating keys and modules selected from a group comprising at least one RF transceiver, barcode reader, RFID reader and combinations thereof for attachment to each of said storage facilities for at least one of displaying and indicating data and statuses selected from a group comprising the stored merchandise, expiry date, price, basic stock quantity, minimum stock quantity, out of stock, order received, quantity on order, the ordering apartment particulars, pickup status, regular delivery, urgent delivery, requested delivery time and combinations thereof; and

said storage display screens and indicators further identify the status and particulars pertaining to a received order for processing the pickup and said gathering of said merchandise by sweeping each picked up item via at least one of said RFID and barcode reader for recording the pickup item, and adjusting the stock of said given storage, the data pertaining to the picked up item recorded in said delivery device and said server of said delivery station.

~~50~~. The method according to claim ~~49~~, wherein said data pertaining the picked up item remains data in transition awaiting one of receiving delivery acknowledgement and a cancelation by a dweller of said apartment.

WHAT IS CLAIMED IS:

1. An apparatus for propagating information signals for linking at least one of a plurality of terminals with a main router of a server included in a closed circuit network, said information signal is bidirectionally propagated via one of a pair of differential signal and balanced impedance circuits terminating two ends of a single twisted pair line of internal communication lines connecting said terminals to said main router, each of said circuits comprising an high frequency carrier FSK and a lower frequency carrier ASK modulators and demodulators connected to an I/O ports of a CPU for propagating high speed and lower speed signals simultaneously via said twisted pair separated by the carrier frequencies; and

said CPU controls the propagation timing of one of a data and a command signal by propagating the information content via one of said high speed and lower speed signal and at least one of said timing and command via the other speed signal including the acknowledging receipt of at least one of said content and said command via said one of high speed and lower speed signal.

2. The apparatus according to claim 1, wherein said server is at least one of a stand-alone and a cloud computing via said network selected from a group comprising a private network, a dedicated network, a public network, the internet, a Virtual Private

Network (VPN) and combinations thereof, said signals propagated via said network are selected from a group comprising electrical signals, RF signals, optical signals and combinations thereof and said terminal is selected from a group comprising a video interphone monitor, a television receiver, a cable television receiver, a terrestrial television receiver, a set-top box, a cable television box, a television converter box, a dedicated shopping box, a dedicated shopping terminal and combinations thereof.

3. The apparatus according to claim 1, wherein said information signals are selected from a group comprising audio signal, video signal, data signal, code signal, control signal, command signal, alarm signal, emergency signal and combinations thereof and each of said internal communication line is selected from a group comprising one twisted pair, multi core cable, plurality of twisted pairs cable, antenna cable, coax cable, shielded cable, fiber optic cable and combinations thereof.

4. The apparatus according to claim 1, wherein at least one of said data signal, a code signal, a control signal and said command signal of said information signal are high speed data signals for actions selected from a group comprising loading, upgrading, updating, adding, modifying, deleting, downloading and combinations thereof.

5. The apparatus according to claim 4, wherein a processing circuit of said terminal is powered via one

of said twisted pair with a regulated DC current and via second twisted pair with a controlled DC voltage sufficient for at least one of maintaining standby power for responding to commands including said updating and an increased power for said maintaining standby power including a power for charging one of a rechargeable battery associated with and build into said terminal.

6. The apparatus according to claim 1, wherein said closed circuit comprising e-providers selected from a group comprising e-service providers, e-merchandise providers, e-alarm and security providers, e-insurance providers, e- payment providers, e-medical providers, e-elderly care providers, e-travel and transportation providers, e-entertainment and game providers, e-music and movie providers and combinations thereof, managed and controlled by a central entity.

7. The apparatus according to claim 6, wherein said at least one of a plurality of terminals and said main router of a server included in said closed circuit network are housed in one of a building and distant and a delivery services are provided by one of said e-merchandise and e-service provider from one of a delivery station and a shop within one of said building and distant in compliance with an order received from at least one dweller of said building via one of said central entity and said e-payment provider, said one of delivery station and shop comprising a station server at least one of storage devices and delivery devices for gathering at least

one of merchandise and service item of said order, delivering and acknowledging a delivery by said dweller via one of said shopping terminal and said delivery device and propagating said acknowledgement via said network to said one of central entity and e-payment provider for executing the payment.

8. The apparatus according to claim 7, wherein said smart delivery device is selected from a group comprising a delivery tablet, a smart cart, a smart basket and combinations thereof, each said delivery device including a CPU and a delivery memory, an operating delivery display screen, delivery status indicators, operating keys and modules selected from a group comprising RF transceiver, barcode reader, RFID reader, a camera and combinations thereof for verifying said gathering and said delivery.

9. The apparatus according to claim 7, wherein said payment is transacted by said one of central entity and e-payment provider selected from a group comprising an e-credit provider, an e-credit card provider, an e-bank provider, an e-financing provider, an e-clearing house provider and combinations thereof.

10. The apparatus according to claim 8, wherein a picture of a dweller receiving said delivery is taken by said camera for record keeping in a memory of said building server.

11. The apparatus according to claim 7, wherein said storage devices of said one of delivery station and

shop are attached to storage facilities selected from a group comprising racks, shelves, bins, cabinets, pallets, stands, carts, baskets, containers, refrigerators, freezers, warmers, coolers and combinations thereof for preventing gathering and delivery error;

said storage devices for aiding pickup and delivery including a CPU and storage memory, an operating storage display screen, status indicators, operating keys and modules selected from a group comprising at least one RF transceiver, barcode reader, RFID reader and combinations thereof for attachment to each of said storage facilities for at least one of displaying and indicating data and statuses selected from a group comprising the stored merchandise, expiry date, price, basic stock quantity, minimum stock quantity, out of stock, order received, quantity on order, the ordering apartment particulars, pickup status, regular delivery, urgent delivery, requested delivery time and combinations thereof; and

wherein said storage display screens and indicators identify the status and particulars pertaining to a received order for processing the pickup and said gathering of said merchandise by sweeping each picked up item via at least one of said RFID and barcode reader for recording the pickup item, and adjusting the stock of said given storage, the data pertaining to the picked up item recorded in said delivery device and said station server.

12. The apparatus according to claim 11, wherein said data pertaining the picked up item remains data in transition awaiting one of receiving delivery acknowledgement and a cancelation by a dweller of said apartment.

13. A method for propagating information signals for linking at least one of a plurality of terminals with a main router of a server included in a closed circuit network, said information signal is bidirectionally propagated via one of a pair of differential signal and balanced impedance circuits terminating two ends of a single twisted pair line of internal communication lines connecting said terminals to said main router, each of said circuits comprising an high frequency carrier FSK and a lower frequency carrier ASK modulators and demodulators connected to an I/O ports of a CPU for propagating high speed and lower speed signals simultaneously via a single twisted pair separated by the carrier frequencies;

said CPU controls the propagation timing of one of a data and a command signal by propagating the information content via one of said high speed and lower speed signal and at least one of said timing and command via the other speed signal, said method comprising the steps of:

a. generating and propagating said at least one timing and commands via one of said high speed and lower speed signal;

b. propagating said content via said the other speed signal; and

c. acknowledging receipt of at least one of said content and said command via said one of high speed and lower speed signal.

14. The method according to claim 13, wherein said server is at least one of a stand-alone and a cloud computing via said network selected from a group comprising a private network, a dedicated network, a public network, the internet, a Virtual Private Network (VPN) and combinations thereof, said signals propagated via said network are selected from a group comprising electrical signals, RF signals, optical signals and combinations thereof and said terminal is selected from a group comprising a video interphone monitor, a television receiver, a cable television receiver, a terrestrial television receiver, a set-top box, a cable television box, a television converter box, a dedicated shopping box, a dedicated shopping terminal and combinations thereof.

15. The method according to claim 13, wherein said information signals are selected from a group comprising audio signal, video signal, data signal, code signal, control signal, command signal, alarm signal, emergency signal and combinations thereof and each of said internal communication line is selected from a group comprising one twisted pair, multi core cable, plurality of twisted pairs cable, antenna cable, coax cable, shielded cable, fiber optic cable and combinations thereof.

16. The method according to claim 13, wherein at least one of said data signal, a code signal, a control signal and said command signal of said information signal are high speed data signals for actions selected from a group comprising loading, upgrading, updating, adding, modifying, deleting, downloading and combinations thereof.

17. The method according to claim 16, wherein a processing circuit of said terminal is powered via one of said twisted pair with a regulated DC current and via second twisted pair with a controlled DC voltage sufficient for at least one of maintaining standby power for responding to commands including said updating and an increased power for said maintaining standby power including a power for charging one of a rechargeable battery associated with and build into said terminal.

18. The method according to claim 13, wherein said closed circuit comprising e-providers selected from a group comprising e-service providers, e-merchandise providers, e-alarm and security providers, e-insurance providers, e-payment providers, e-medical providers, e-elderly care providers, e-travel and transportation providers, e-entertainment and game providers, e-music and movie providers and combinations thereof, managed and controlled by a central entity.

19. The method according to claim 18, wherein said at least one of a plurality of terminals and said main router of a server included in said closed circuit

network are housed in one of a building and distant and a delivery services are provided by one of said e-merchandise and e-service provider from one of a delivery station and a shop within one of said building and distant in compliance with an order received from at least one dweller of said building via one of said central entity and said e-payment provider, said one of delivery station and shop including at least one of storage devices and delivery devices for gathering at least one of merchandise and service item of said order, delivering and acknowledging a delivery, said method comprising the steps of:

a. receiving an order through said one of central entity and e-payment provider propagated from said dweller via said network;

b. gathering without error at least one of merchandise and service item via said at least one of storage device and delivery device;

c. delivering the gathered said at least one of merchandise and service item to said dweller at his place;

d. obtaining an acknowledgement from said dweller via one of said terminal and said delivery device; and

e. propagating said acknowledgement via said building server and said network to said one of central entity and e-payment provider for executing the payment for said delivery.

20. The method according to claim 19, wherein said smart delivery device is selected from a group comprising a delivery tablet, a smart cart, a smart basket and combinations thereof, each said delivery device including a CPU and a delivery memory, an operating delivery display screen, delivery status indicators, operating keys and modules selected from a group comprising RF transceiver, barcode reader, RFID reader, a camera and combinations thereof for verifying said gathering and said delivery.

21. The method according to claim 19, wherein said payment is transacted by said one of central entity and e-payment provider selected from a group comprising an e-credit provider, an e-credit card provider, an e-bank provider, an e-financing provider, an e-clearing house provider and combinations thereof.

22. The method according to claim 20, wherein a picture of a dweller receiving said delivery is taken by said camera for record keeping in a memory of said building server.

23. The method according to claim 19, wherein said storage devices of said one of delivery station and shop are attached to storage facilities selected from a group comprising racks, shelves, bins, cabinets, pallets, stands, carts, baskets, containers, refrigerators, freezers, warmers, coolers and combinations thereof for preventing gathering and delivery error;

said storage devices for aiding pickup and delivery including a CPU and storage memory, an operating storage display screen, status indicators, operating keys and modules selected from a group comprising at least one RF transceiver, barcode reader, RFID reader and combinations thereof for attachment to each of said storage facilities for at least one of displaying and indicating data and statuses selected from a group comprising the stored merchandise, expiry date, price, basic stock quantity, minimum stock quantity, out of stock, order received, quantity on order, the ordering apartment particulars, pickup status, regular delivery, urgent delivery, requested delivery time and combinations thereof; and

said storage display screens and indicators further identify the status and particulars pertaining to a received order for processing the pickup and said gathering of said merchandise by sweeping each picked up item via at least one of said RFID and barcode reader for recording the pickup item, and adjusting the stock of said given storage, the data pertaining to the picked up item recorded in said delivery device and said server of said delivery station.

24. The method according to claim 23, wherein said data pertaining the picked up item remains data in transition awaiting one of receiving delivery acknowledgement and a cancelation by a dweller of said apartment.