

SMART TOILET

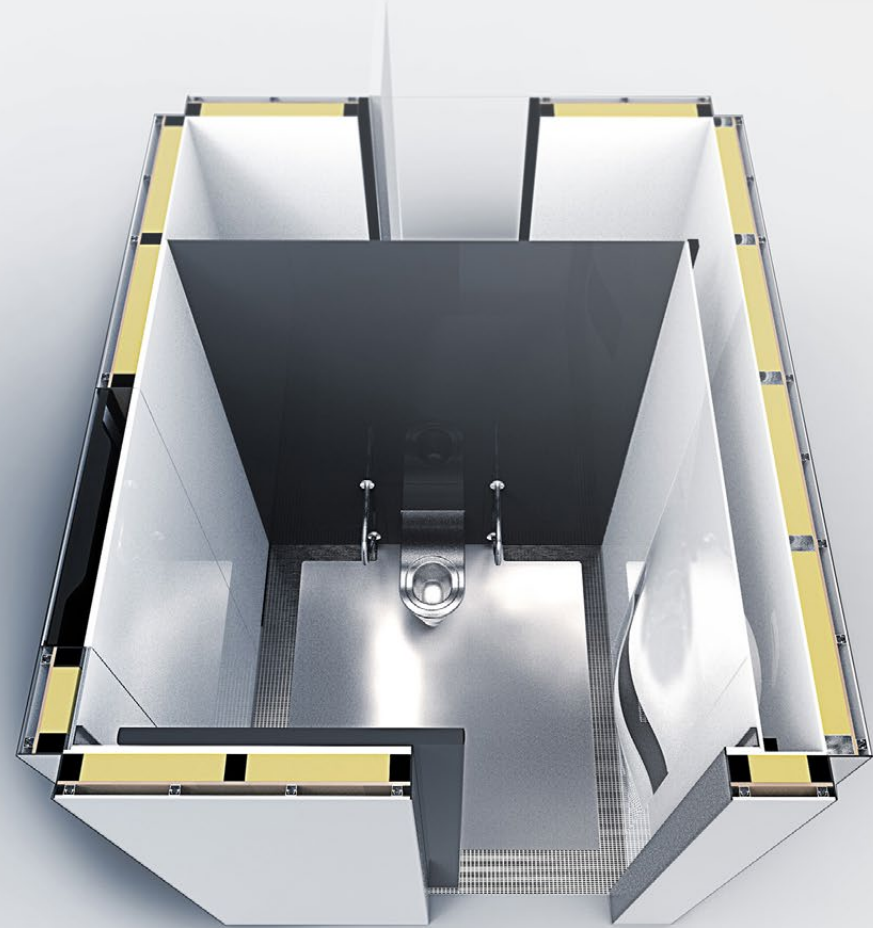




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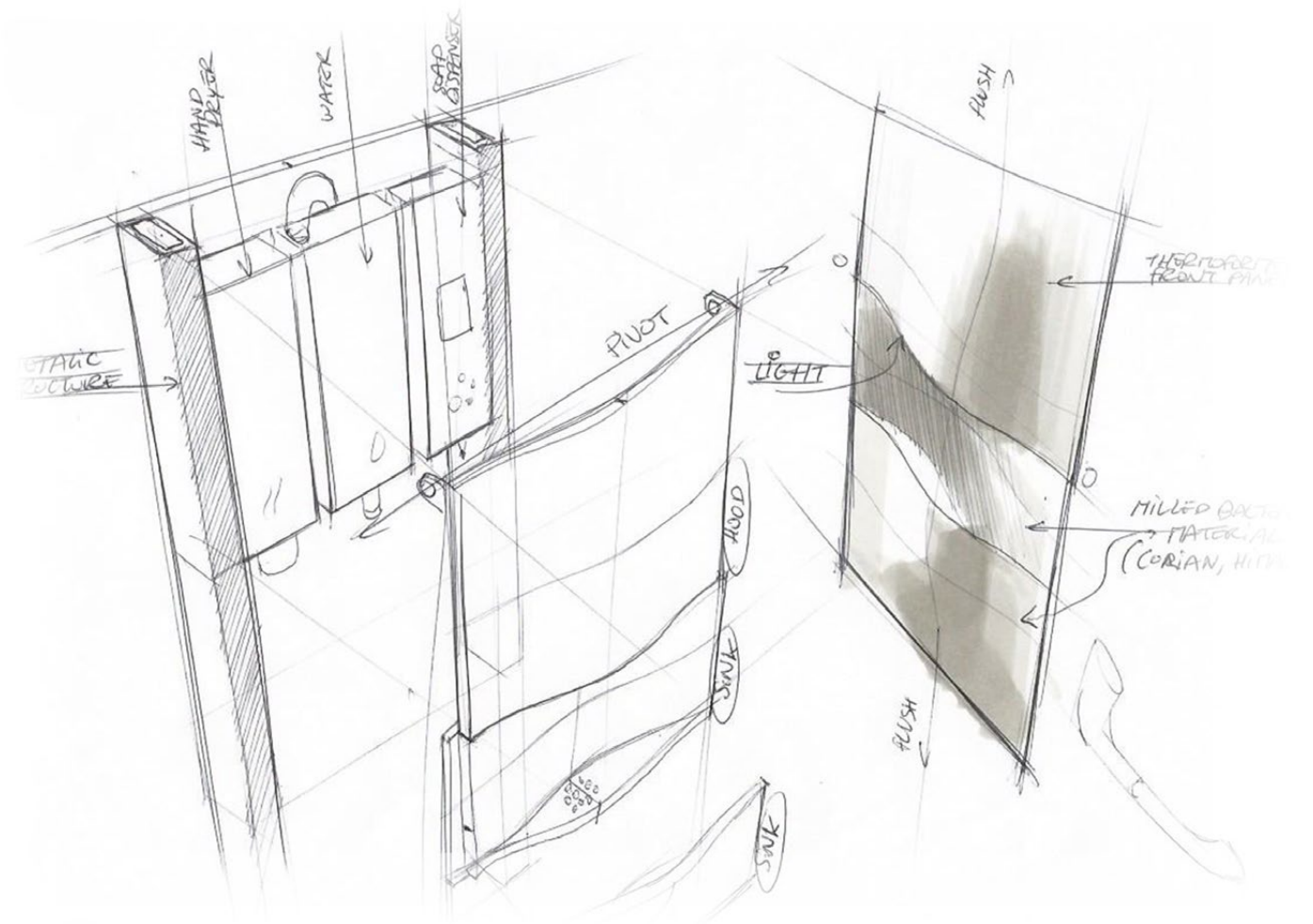
ABOUT

NIU smart toilet is the leading manufacturer of smart toilets in America.

We have brought together the best engineers to create a complete line of toilets to meet your demands.

Our line offers conventional toilets and smart toilets equipped with self-cleaning.

Our offices are based in Quebec and Ontario.



TECHNOLOGY

The latest technological advances at NIU provide the best hygienic results and the capability to control the uses of the toilet by a remote monitoring system.

The contact-less automation and sensors avoid that the user comes into contact with the booth.

The “plug and play” setup reduce installation costs and time and it facilitates its maintenance and repairs.

NIU’s system cleans, dries and disinfects the toilet and its surrounding space.

NIU ENGINEERING

Its structure consists of 3D clean system and it may include cleaning floor, presence sensors and automatic door closing system.

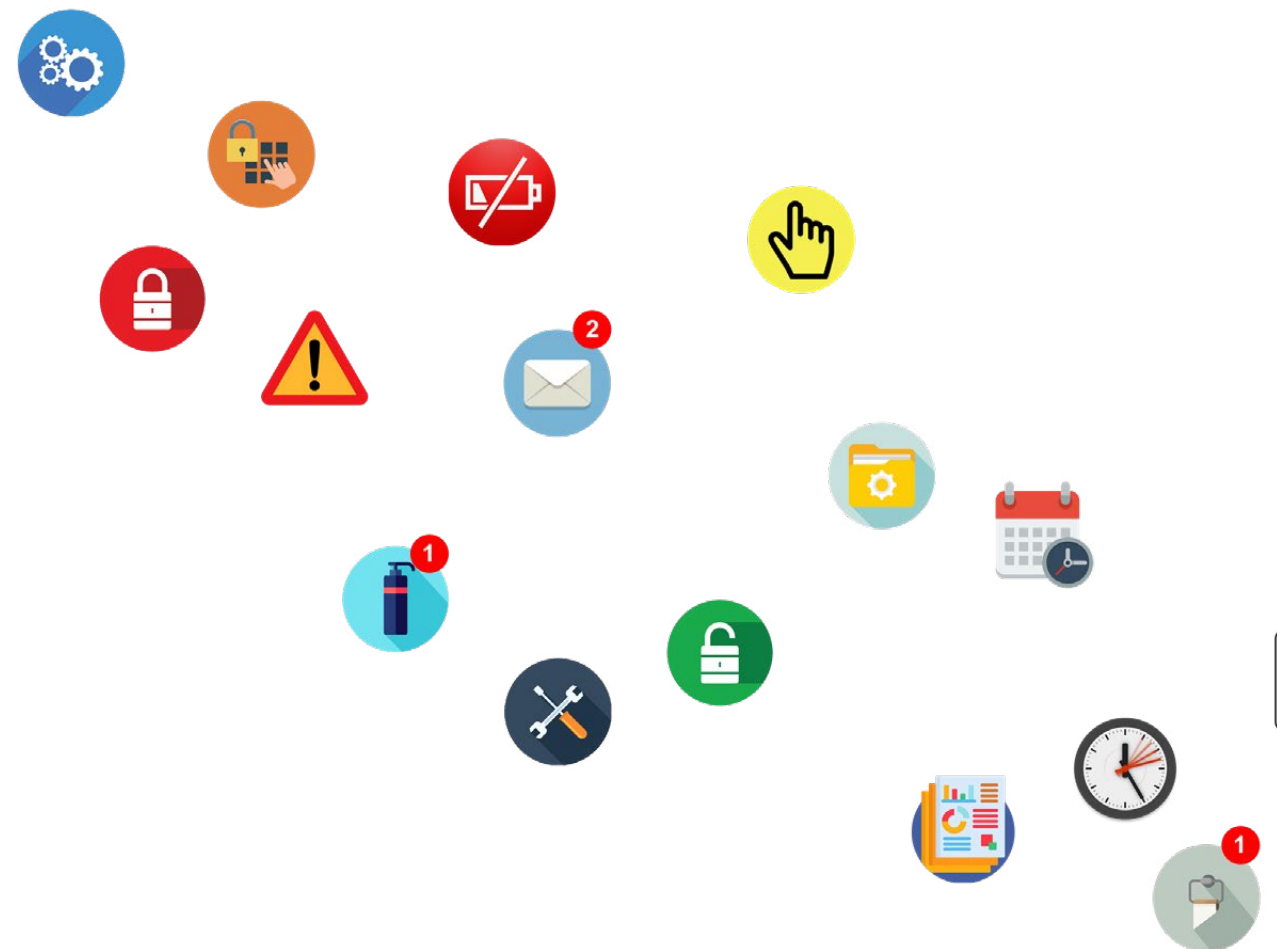




NIU COMPUTER

Complete control of the toilet via the computer with a very easy to use touch screen. The operation is done through easy to use applications. A screen reading allows you to control all vital functions of the toilet.

Online support is available at the touch of the screen.

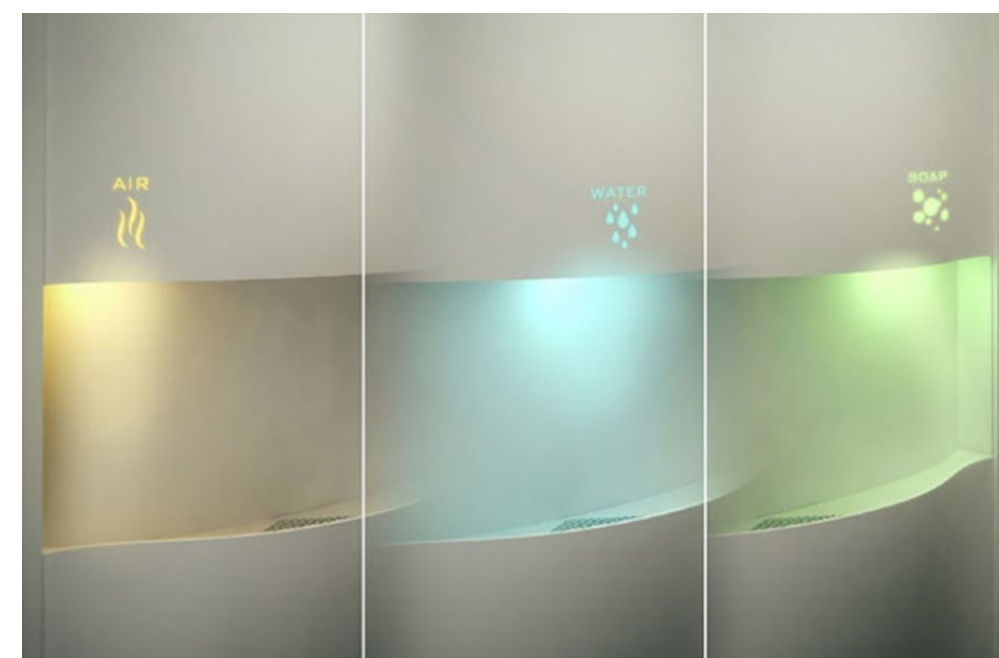




ECO

Our booth's Eco system allows integration with clean technology and biotechnology that can improve water and power efficiency. Its intelligent system reduces water usage in each flush and time to clean the toilet.

NIU satisfies Canadian regulation of hygiene safety by using environmentally friendly products which avoid environmental pollution and protect user's health.



SPECIFICATIONS

SRUCTURE

WELDED STEEL STRUCTURE WITH ANTI-CORROSION TREATMENT
URETHANE INSULATION ACCORDING TO THE CANADIAN BUILDING CODE
EXTERNAL COATINGS ACCORDING TO THE CUSTOMER'S CHOICE
ROOF WITH WHITE PVC BASE MEMBRANE (DIFFERENT ROOFS AS AN OPTION)
1500 MM RADIUS FOR WEELCCHAIR ACCESS IN THE ADA MODEL
DESIGNED FOR CLIMATES FROM -50C TO +40C

INSIDE

COMPOSITE WALLS OF AERONAUTIC AND RAIL GRADE COMPOSITES
EPOXY FLOOR
COMPOSITE CIELING
WATER DRAINAGE UNDER THE TECHNICAL WALL

VENTILATION
AND HEATING,
AC

FORCED-AIR HEATING 2500W WITH INTEGRATED THERMOSTAT FOR THE CABIN
AIR EXCHANGER WITH HEAT RECOVERY (Airflow up to 66 ft3)
FORCED-AIR HEATING 2000W WITH INTEGRATED THERMOSTAT FOR THE TECHNICAL
ROOM
OPTIONAL AIR CONDITIONING
5" VENTILATION DUCTS

ELECTRICITY

ELECTRIC PANEL 120/240V 100A
LED INTERIOR LIGHTS MANAGED BY THE AUTOMATON
OUTDOOR LED LIGHTS MANAGED BY AN ASTRONOMIC CLOCK
ADDITIONAL OUTLETS
CONSUMPTION OF ELECTRICITY

- Per cleaning cycle: 0.002 kwh
- Hand dryer: 0,005 kwh
- Drying of the toilet seat: 0,12 kwh
- Interior lighting: 0,004 kwh
- heating system AND AC at the customer's discretion

PLUMBING

PEX AND BRASS PLUMBING
WATER MANAGEMENT FOR FLUSHING THE TOILET, WASHBASIN, BOWL AND FLOOR
CLEANING BY SOLENOID VALVES
STAINLESS STEEL FLOOR NOZZLES
3 FUNCTION NO-CONTACT AERONAUTIC AND RAIL GRADE COMPOSITE SINK (SOAP,
WATER, HAND DRYER)

- Toilet flushing: 4.5 to 6 litres (depending on programming)
- Floor washing cycle: 2.5 to 3 litres (depending on programming)
- Hand washing: 0,5 litre

EXPENSION VASE TO CONTRÔLE THE WATER PRESSION
PRESSURE LIMITER

EQUIPMENT
AND
ACCESSORIES

2 STAINLESS STEEL GRAB BARS
FIREPROOF BIN IN STAINLESS STEEL
TOILET PAPER DISPENSER (AUTOMATIC IN OPTION)
CONSUMPTION OF CONSUMABLE

- Disinfectant toilet cleaner: 2.5 ml or 0 ml with UV Sytem
- Hand soap: 0,625 ml
- Toilet paper: sheet by sheet distribution (approx. 600 users) for a saving of about 40% of paper

OPTIONAL 55" VANDAL-RESISTANT OUTDOOR TOUCH SCREEN
OPTIONAL 10.5" VANDAL-RESISTANT INDOOR TOUCH SCREEN
CONTACTLESS BUTTON FOR OPENING AND CLOSING THE DOOR

COMPUTER

MANAGEMENT SYSTEM OF THE COMAC MANUFACTURING TOILET
SENSORS IN THE CABIN TO SECURE THE CLEANING CYCLE
SOLENOID VALVE MANAGEMENT
REMOTE MANAGEMENT OF ALL TOILET FUNCTIONS
MANAGEMENT OF ALL TOILET FUNCTIONS ON 10.1" TOUCH SCREEN
SENDS OPERATING ERRORS VIA TEXT MESSAGE
MODIFIABLE PARAMETERS AND STATISTICS MANAGEMENT
CONSUMABLE MANAGEMENT WITH LOW LEVEL ALERT
INTEGRATED COMMUNICATION MODULE
INDOOR AND OUTDOOR TEMPERATURE SENSOR
WATER PRESSURE CONTROL PROBE
CLOGGED TOILET SENSOR

WARRANTY

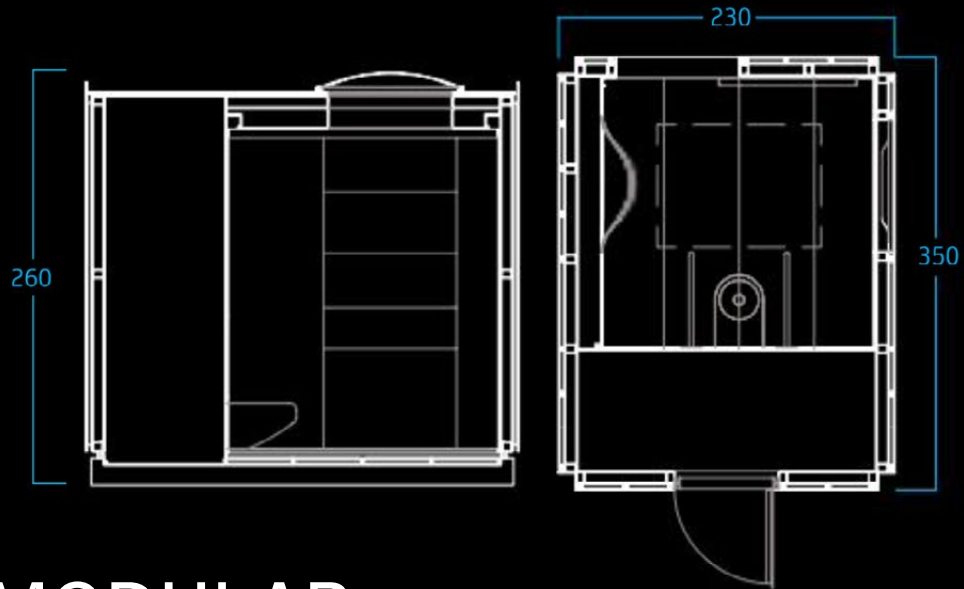
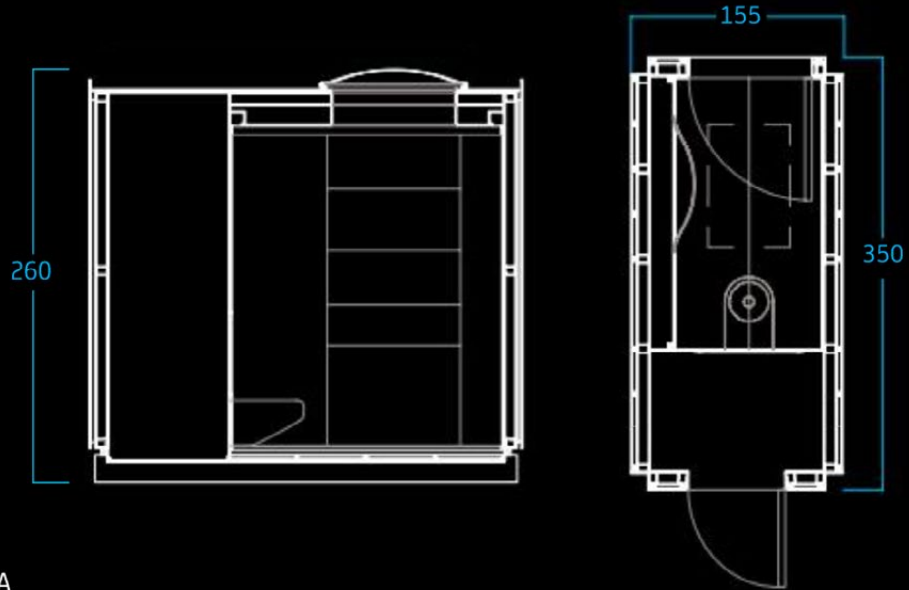
5 YEAR WARRANTY UP TO 50,000 USERS
10 YEAR WARRANTY ON THE STRUCTURE
MADE IN CANADA

OPERATION OF THE AUTOMATISM

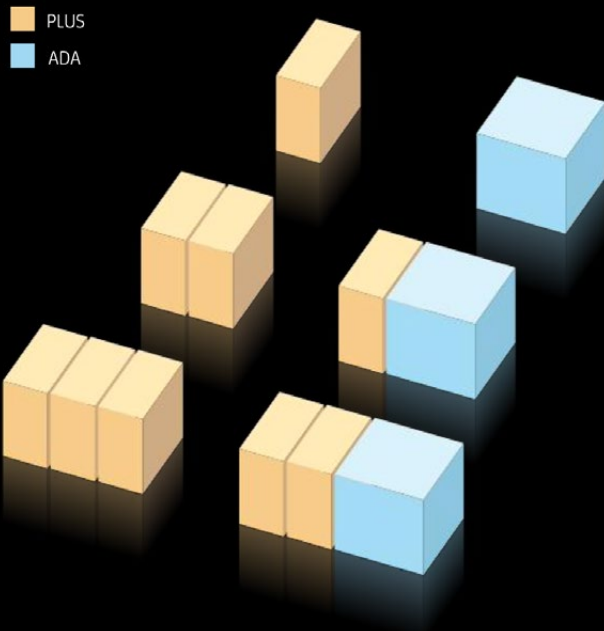
- AUTOMATIC CLEANING AND DISINFECTION OF THE BOWL AND SEAT AFTER EACH USE
- AUTOMATIC WASHING WITH DISTRIBUTION OF THE DESCALER AND
DISINFECTANT
- AUTOMATIC SEAT DRYING BY HOT AIR
- PROGRAMMABLE FLOOR WASH CYCLE (RECOMMENDED FOR ALL 15-20 USERS)
- COMPLETE AUTOMATIC LOCKING OF THE DOOR DURING THE CLEANING CYCLE
- EXTERIOR LED LIGHTS INDICATING: FREE, OCCUPIED AND CLOSED FUNCTIONS
- INTERIOR LIGHTING AUTOMATICALLY ACTIVATED DURING USE
- MAXIMUM OCCUPANCY TIME 15 MINUTES, ADJUSTABLE AS REQUIRED.
AUTOMATIC UNLOCKING AFTER 15 MINUTES
- USAGE COUNTING BOX (DAILY COUNTING) WITH TIMER FOR PROGRAMMING
OPENING AND CLOSING HOURS
- AUTOMATICALLY ACTIVATED EVENING LIGHT WITH ASTRONOMICAL CLOCK
- A HEATING REGULATED AT 20OC IN THE CABIN IN WINTER AND 23OC IN
SUMMER. AUTOMATIC START OF THE HEATING AT 5°C OUTSIDE



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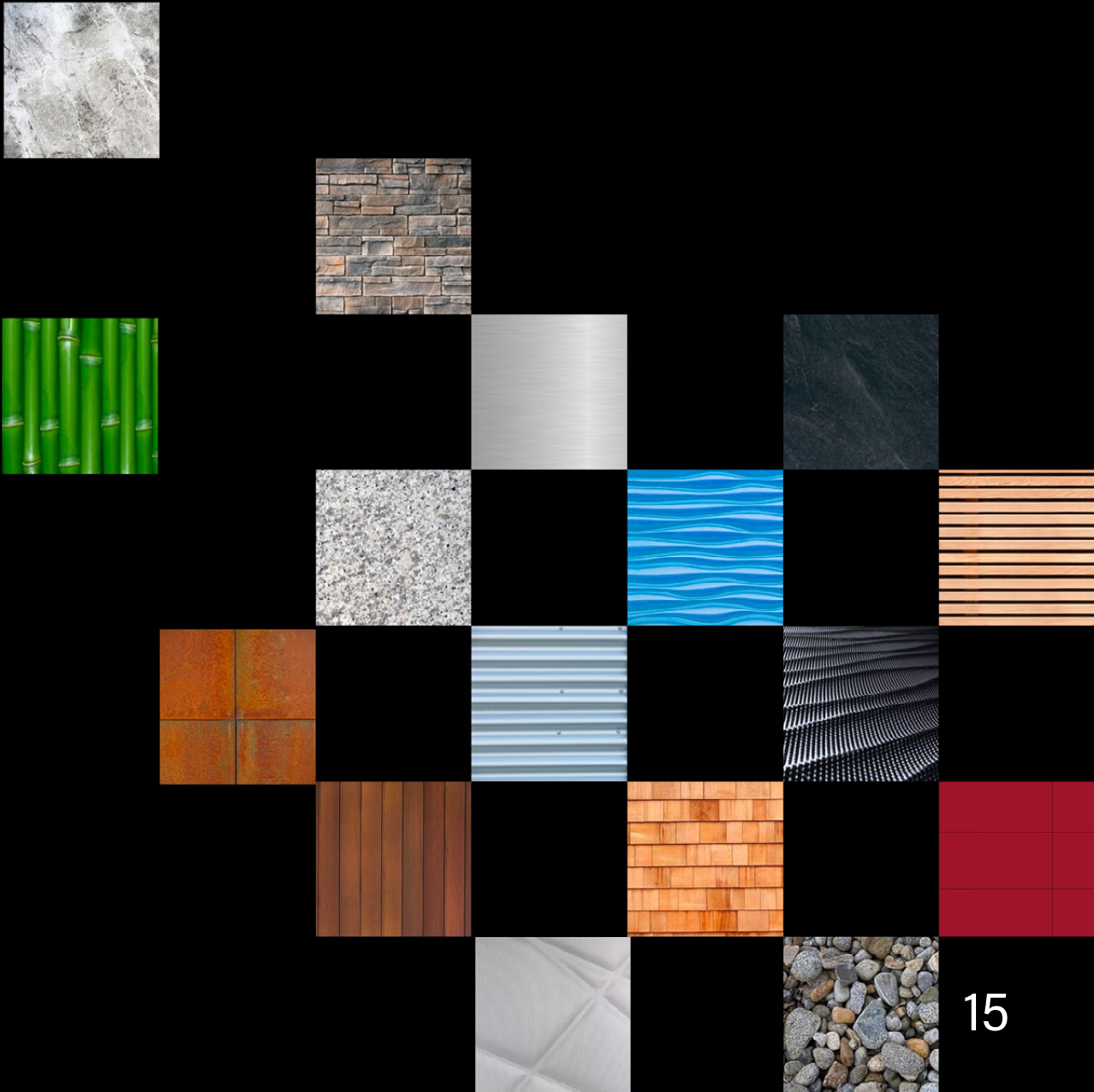
MODULAR



DESIGN

NIU provides a sustainable and flexible design with special features to meet the customer specific requirements.

All our toilets can be customized with a wide range of finishes and accessories to suit any surrounding environment: parks, downtown, train and bus stations, services area, gas stations, urban green spaces and nature reserves.





NIU MANAGEMENT

NIU's APP makes it possible to monitor the number of users and the usage statistics, the levels of all the consumables in the booth (paper, soap, cleaning fluids and air freshener), its power consumption and water usage, incidents (entrances, lighting, electronic system, etc.) and cleaning management, among other setting.



MODELS

PLUS is an affordable outdoor booth for general use. It is designed in a way that allows to arrange several modules differently according to the customer needs and it allows to easily separate sexes.

The PLUS model can be equipped with a touch-free sensor operated door, automatic basin and soap dispenser, electronic toilet paper dispenser, heating, air conditioning, personal cleaning water system and remote monitoring options.

ADA is the top range outdoor booth with the ultimate smart technologies totally touch-free sensor operated door, automatic basin and soap dispenser, baby changing table, heating, air conditioning options, external smart screen display, solar panels, security cameras, WIFI, among others.

It is the most comprehensive outdoor solution both for urban non-urban spaces.

FEATURES	PLUS MODEL	ADA MODEL
3D SELF-CLEANING SYSTEM	YES	YES
UV STERILIZER FOR THE BOWL	OP	OP
UV STERILIZER FOR THE ALL UNIT	OP	OP
FLOOR CLEANING	YES	YES
ELECTROMAGNETIC LOCKING DOOR CONTROL	OP	OP
SLIDING DOOR	OP	OP
AUTOMATIC DOOR	OP	YES
MOVEMENT SENSOR	YES	YES
TOUCH-FREE SENSOR OPERATED DOOR	YES	YES
EXTERNAL SMART SCREEN DISPLAY	OP	OP
INTERNAL MULTIMEDIA SCREEN	OP	OP
PERSONAL CLEANING WATER SYSTEM	YES	YES
AUTOMATIC BASIN, SOAP, WATER AND HAND DRYER	YES	YES
BABY CHANGING TABLE	NO	OP
AUTOMATIC TOILET DISPENSER	OP	OP
SUITABLE FOR PEOPLE WITH DISBILITIES	NO	YES
WATER RECOVERY SYSTEM	OP	OP
SOLAR PANELS	OP	OP
HEATING SYSTEM	YES	YES
AIR CONDITIONNING	OP	OP
PANIC BUTTON	OP	OP
REMOTE MONITORING	OP	OP
COIN, CARD OR MOBILE OPERATION	OP	OP
STATUS INDICATOR LIGHT PANEL	YES	YES
STAINLESS STEEL ACCESSORIES	YES	YES
VANDAL RESISTANT COMPENENTS	YES	YES
SECURITY CAMERAS	OP	OP
WIFI	OP	OP
MUSIC AND VOICE MESSAGES	OP	OP
BOBY SENSOR TEMPERATURE	OP	OP
EXTERIOR BOTTLE FILLING STATION	OP	OP
EXTERIOR FOUNTAIN	OP	OP
EXTERIOR DISPENSOR	OP	OP
ANTI-GRAFFITI EXTERIOR / INTERIOR	YES	YES

OP. OPTIONAL FEATURE / YES. SERIAL FEATURE / NO. UNAVAILABLE



MODERN, TECHNOLOGIC, ECO FRIENDLY, CUSTOMIZABLE.





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