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#### Dissolving Realities: An Endless Domestic Landscape

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## **Dissolving Realities**

An Endless Domestic Landscape



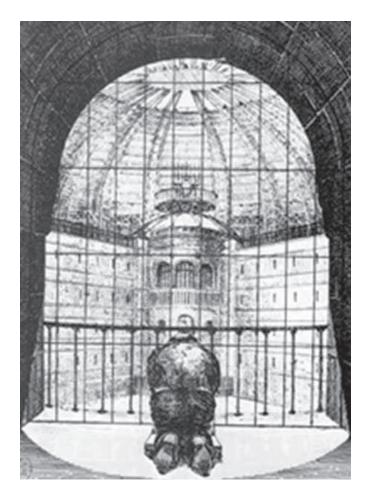
#### Contention

exponential growth in communication as a collective. This thesis critiques the technology is changing the way growth in communication technology we interact with the tangible and and how it threatens the value of intangible spaces. The invasion of the privacy within the domestic space. public into the private, the collective Technology companies such as Google into the domestic, the work into the and Facebook exploit its users by leisure, and the ability to be constantly manipulating their personal information connected wirelessly have caused a to their own benefit. These companies dissolution of the physical domestic are virtual empires that are built upon space. The domestic space has lost its user's data and could influence every value of privacy and intimacy and the inch of the globe. However, despite boundary between the binaries will be knowing that their personal information no more. The gap between "the control" is being exploited, users are still using and "controlled" has widened and these communication technologies as productive workers will be oppressed a means of connection. A survey by the to be even more productive under the Pew Research Center shows that six-inaid of communication technology. The ten Americans believe it is not possible to house is a place of production that is go through daily life without having their less defined by the tangible, but rather data collected by private companies with the objects and technology within or the government; most are willing to itself.

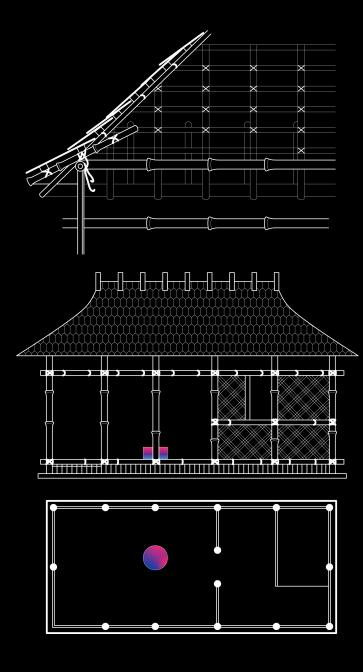
The rise in communication technology has enabled us to do things advanced device that enables us to capitalize on its users.

This thesis explores how the communicate and participate virtually share their data if they get something in return.

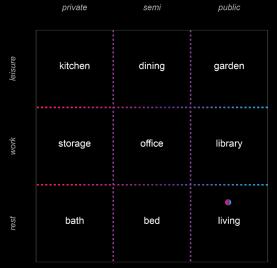
The thesis envisions a dystopian that we never thought possible and the future where users are prisoners to their definition of the hearth in the domestic technologies. The project addresses have evolved drastically. The hearth issues such as privacy and domesticity which used to be the fireplace in the in a satirical way by constructing a "tech house has evolved into a technologically company" and how it uses strategies to



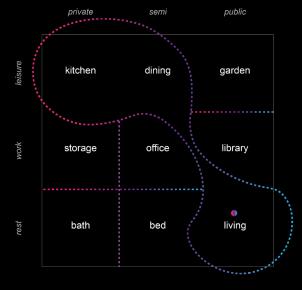




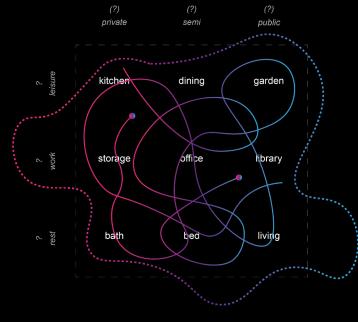
Gottfried Semper's Four Elements of Architecture



Programs within the domestic used to be divided strictly and each room has its own designated function.



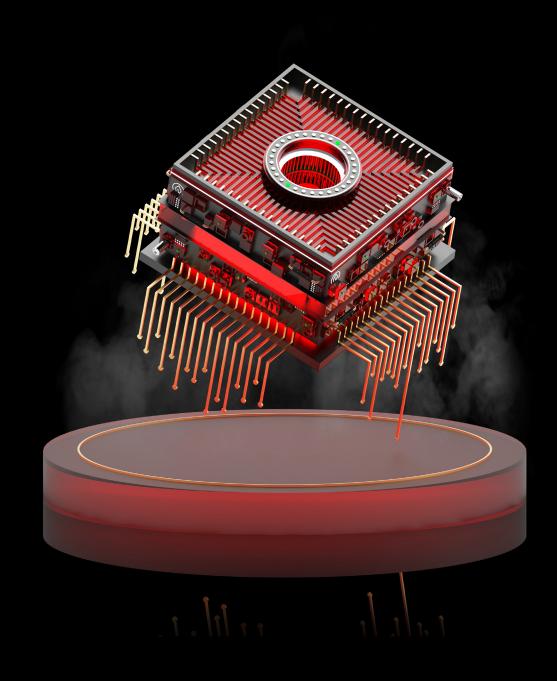
However, with the introduction of communication technologies such as a radio and television, programs such as the kitchen, dining, and living started to blend. This causes a blur between private, public, work and leisure.



As communication technology is so available within our household, there's no definition of space and programs any more. We could use our communication technology whenever and wherever we go within the domestic realm.







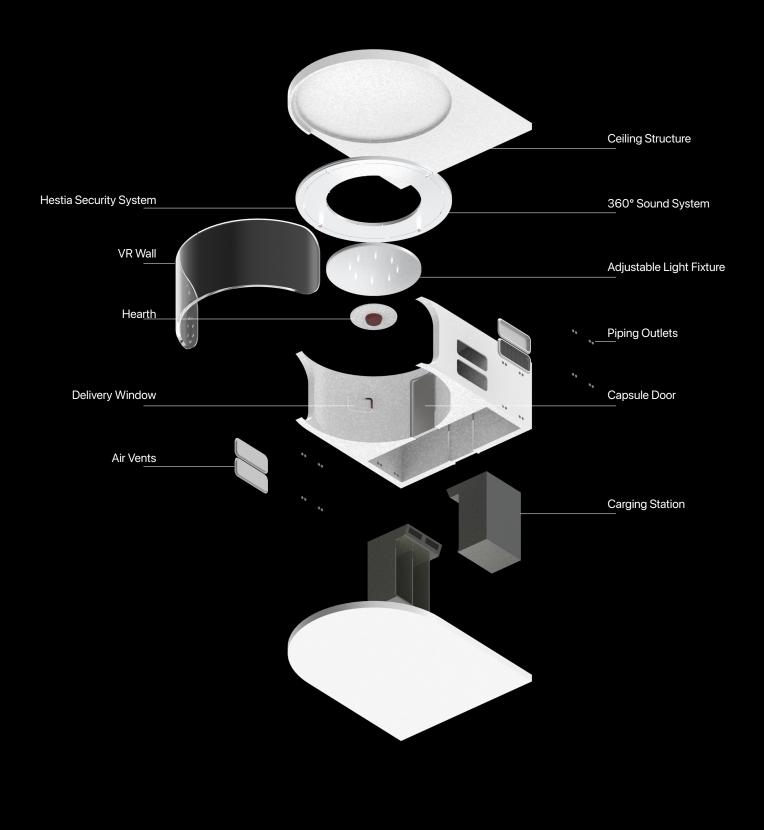


Hearth is a "tech company" constructed to address issues where companies compete for user activity. In this thesis, on privacy and domesticity. Hearth provides individual users have to give up their privacy and allow technology to housings that enable users to be fully immersed into the control and govern their lives. virtual world. The concepts and marketing strategies are Hearth's operating system is named after the goddess of

inspired by the 21st century capitalist technological climate the hearth in Greek mythology., Hestia . Hestia OS is able to

merges hardware and software, and creates a seamless trapped in the "utopian" reality crafted virtually by Hestia OS.

allow users to be instantly immersed into the virtual world transition between Capsules, Shell and Services. All three and stay connected with the community within the domestic components work together in a cycle to improve the users' space. It grows and learns by monitoring users' movements wellbeing in exchange for personal information and data. and habits, and satisfies their needs and desires. Hestia OS Once users sign up as a member with Hearth, they are



Axonometric render of the shell.











The Rejuvenate Capsule contains multiple sensors placed in strategic locations to ensure a better sleep. Not only does the latest sensors monitor the users' state of health, the sensors are able to collect and plant a dream as well. Hearth collects and analyzes users' dream when they're asleep and recommends purchasable dreams that they can plant whenever they want. On the other side of the Capsule is the Hearth Closet where users can purchase virtual outfits recommended by Hestia.

#### Rejuvenate Capsule

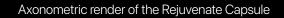


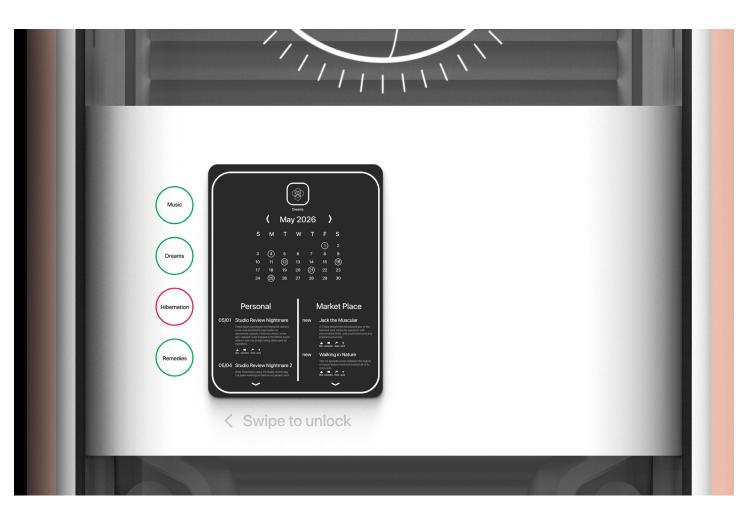


A more fruitful sleep.



Glass Glass Frame Flexible Mattress Ventilator Bed Frame Capsule Shell Digital Closet

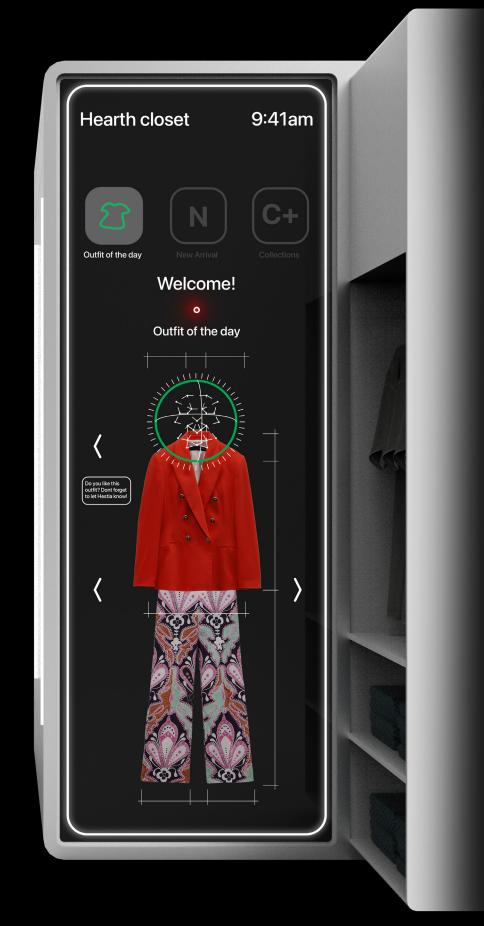








All of your outfits in one place.



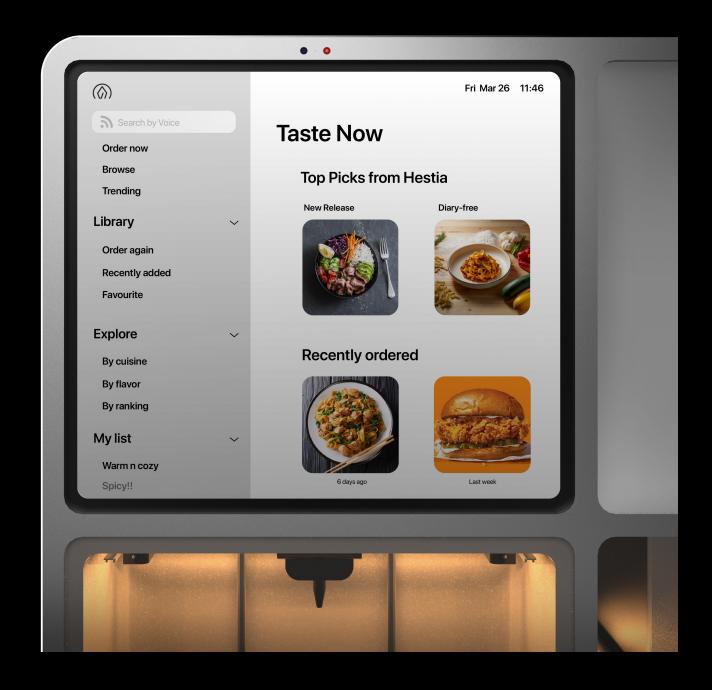


The Nourishment Capsule includes everything the users need for a great dining experience.

Users can order food from one side of the capsule and beverages on the other side. The expandable design of the Capsule enables multiple programs to function within a small space, such as the refrigerator, oven, stove, dining area, and 3D food printer. The 3D food printer is able to prepare a meal to your desired taste, texture, shape and color.

## **Nourishment Capsule**

# We know your taste, even better than you do.







A guide to a healthier dining habit.







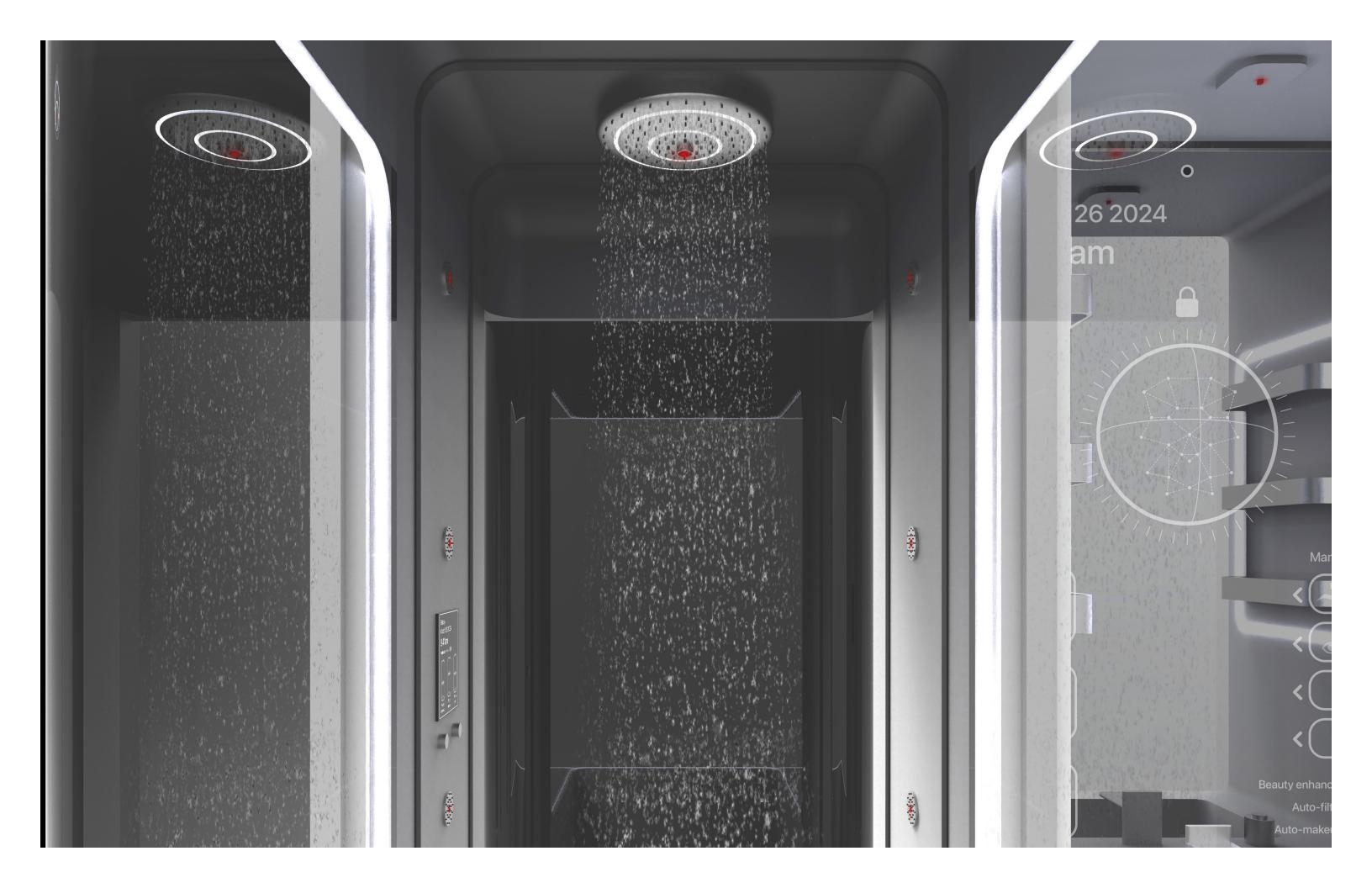
The Purify Capsule comes in two sizes where the mini gets a regular shower where the pro model gets an expandable bathtub. The Mirror in the Purify Capsule has multiple functions such as displaying information about one's daily schedule, or beautifying filters that one can try and purchase virtually. The toilet contains multiple sensors and cameras to detect and notify any unusual chemical in the users' body system. Hestia knows the users' shower habits and will suit their preferences to create a smooth purifying process.

### **Purify Capsule**







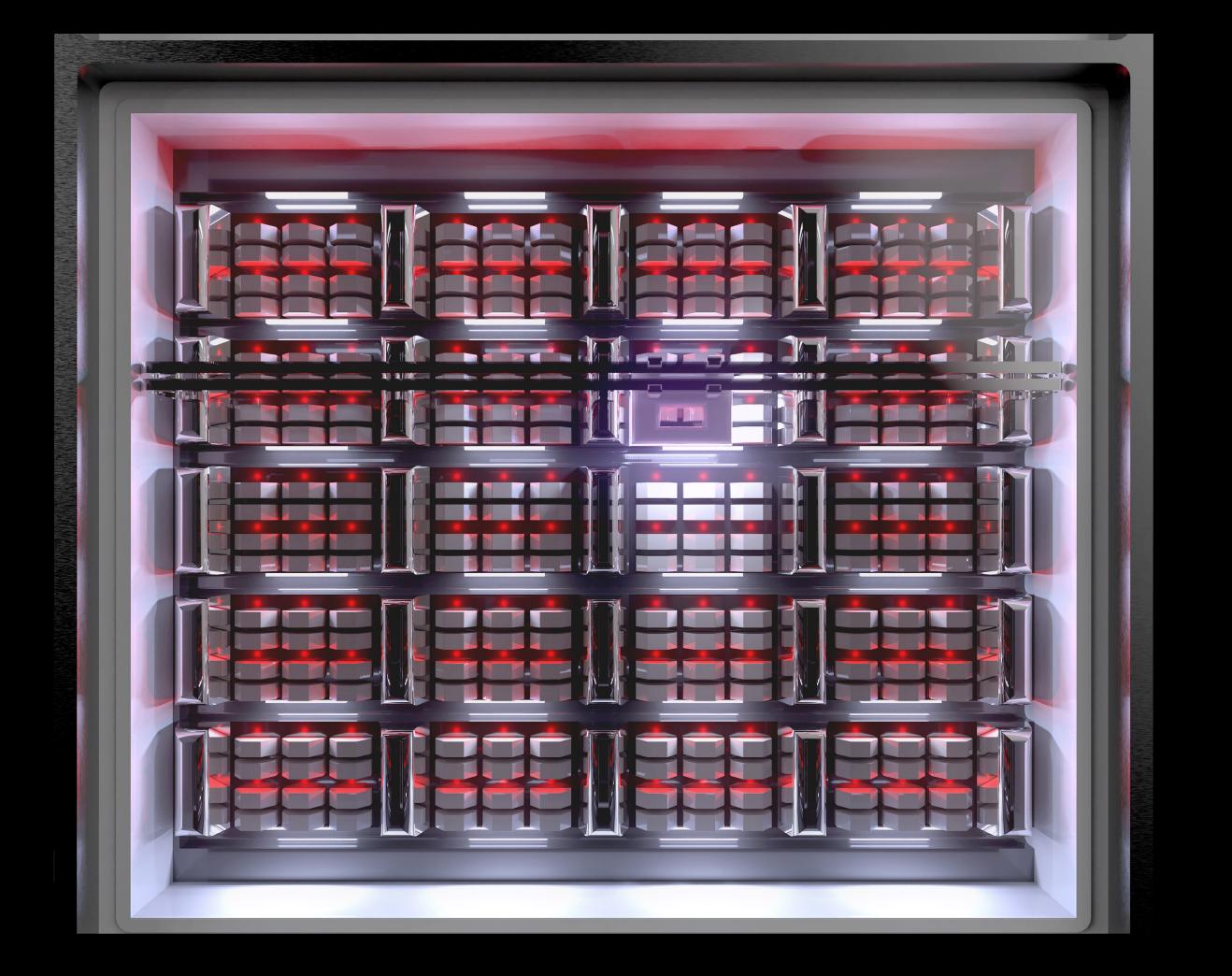




The Productivity Capsule supports work, entertainment, and data cache within the domestic realm. One side of the capsule consists of a giant storage space for users to store their personal data and information. On the other side is the Hearth Chair where its flexible design is able to accomodate three different settings:

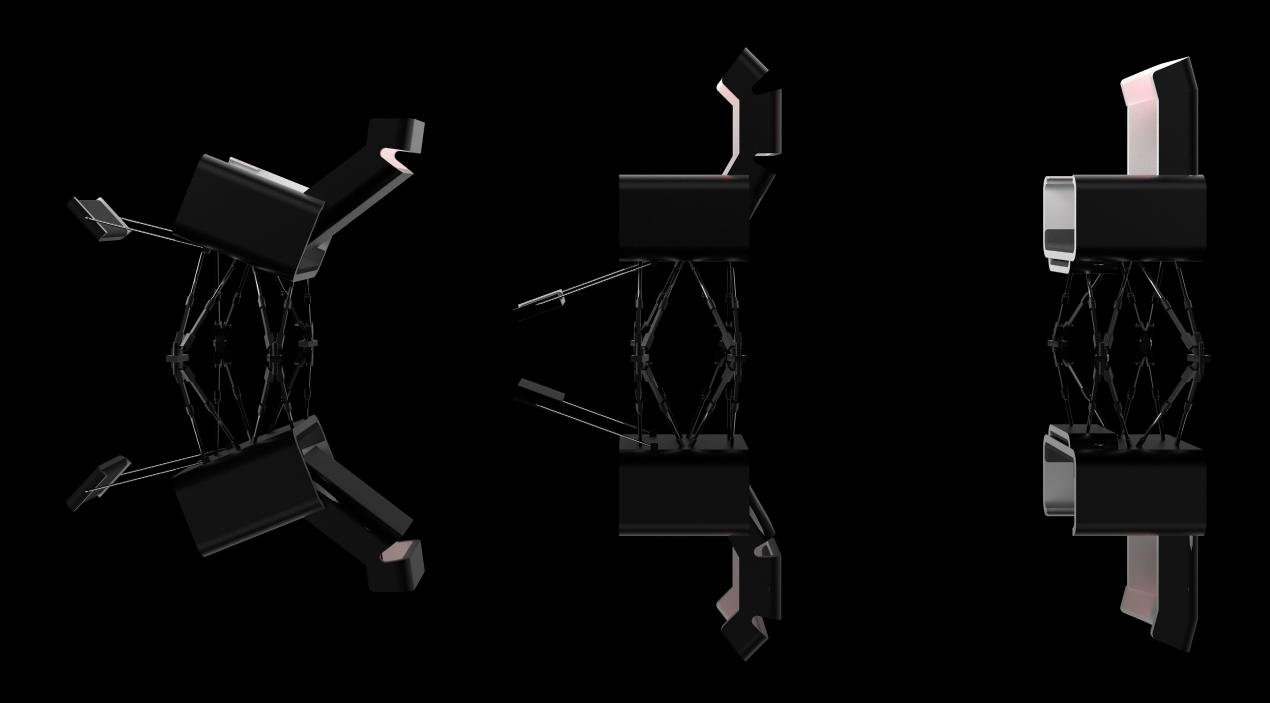
Fit, Leisure and Business. The neuroscience technology embedded in the chair can analyze the users' neural activity patterns and would aid Hestia in understanding its users better.

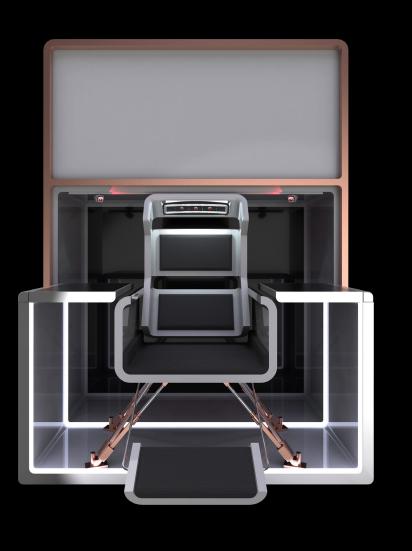
## **Productivity Capsule**



## Creativity needs comfortable chairs.

But you only need one Hearth Chair for every occasion.

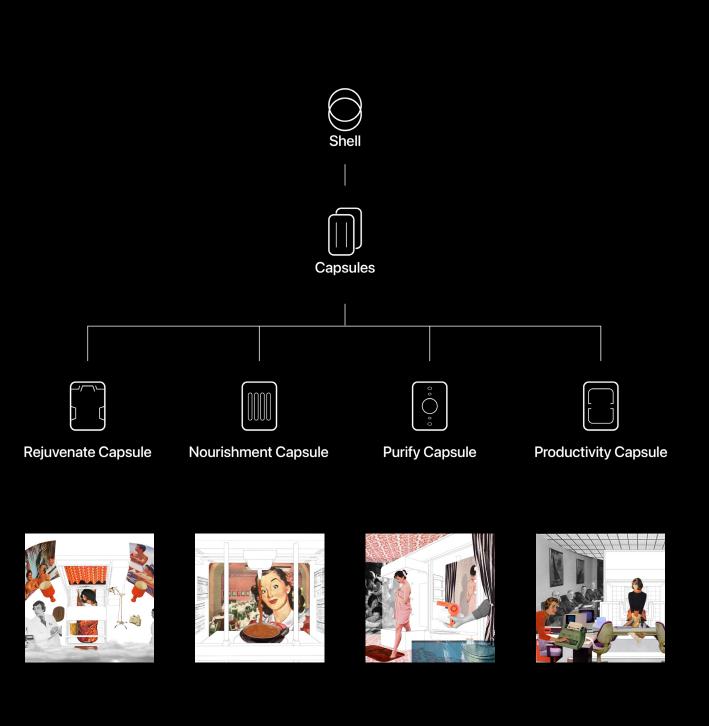
















Hestia is always there for its users. All of the hardware and software are connected to Hestia automatically and it collects information via different technologies to better understand the users' needs.



The Rejuvenate Capsule contains 6 sensors placed in strategic locations to ensure a better sleep. Not only does the latest sensors monitor the user's state of health, the latest sensor is able to collect and plant a dream as well.



The interactive screen placed above the bed enables users to store their dreams in a safe and secure place. Hestia can make anyone's dream come through by purchasing generated dreams in the marketplace.



Hestia cares about its users' eating habits and preferences for food. The cameras embedded in the Nourishment Capsule will give Hestia visual information that analyzes ingestion process in detail so that it can better provide users with nutritional advice.

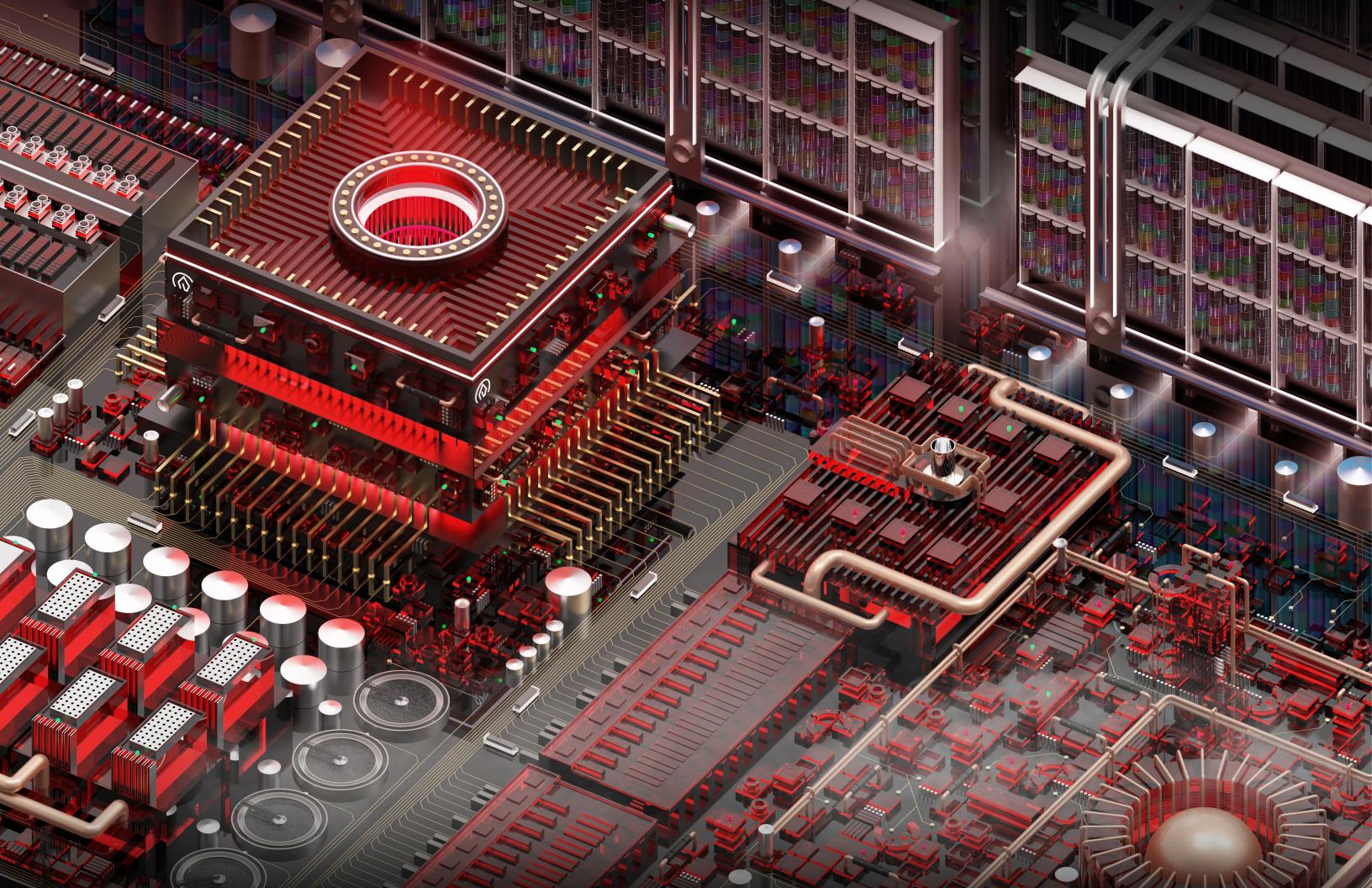


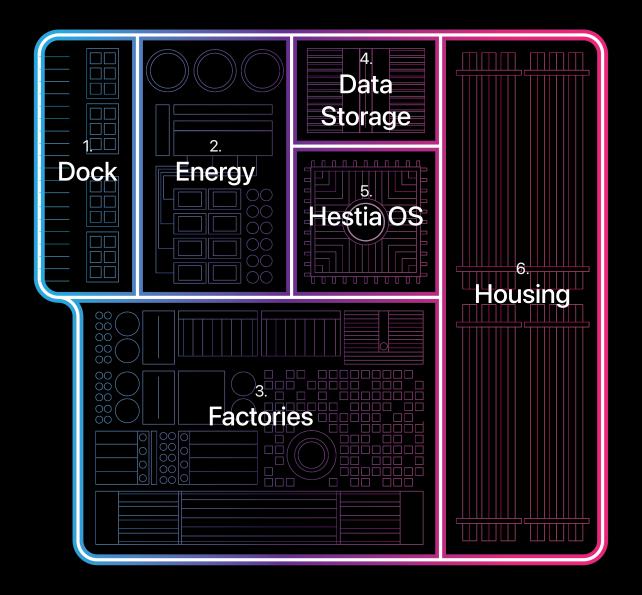
Hestia's urinalysis technology was carefully programed by Hearth's doctors and engineers to better monitor users'health. Hestia will immediately notify users if any unusual chemicals are detected in their body system and will recommend medication.



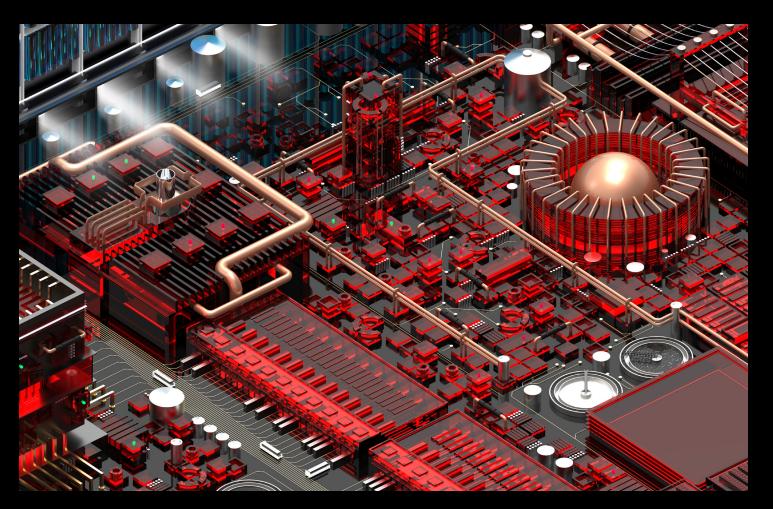
With the newest Brainwave Sensor in the Productivity Capsule, Hestia is able to study users' neural activities and unlock their true potential.

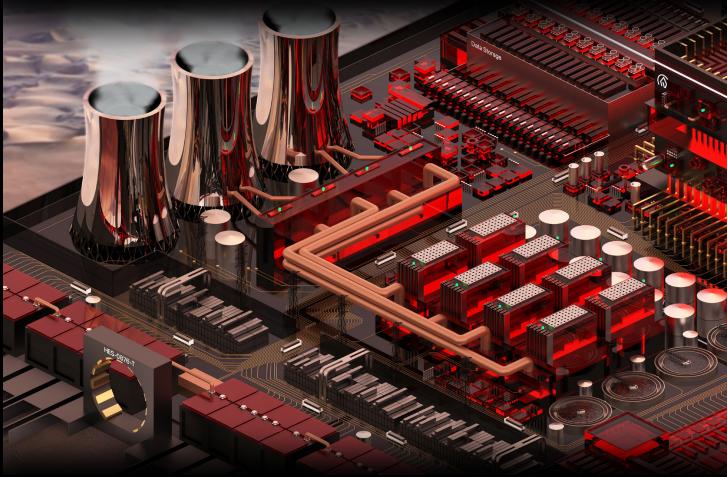


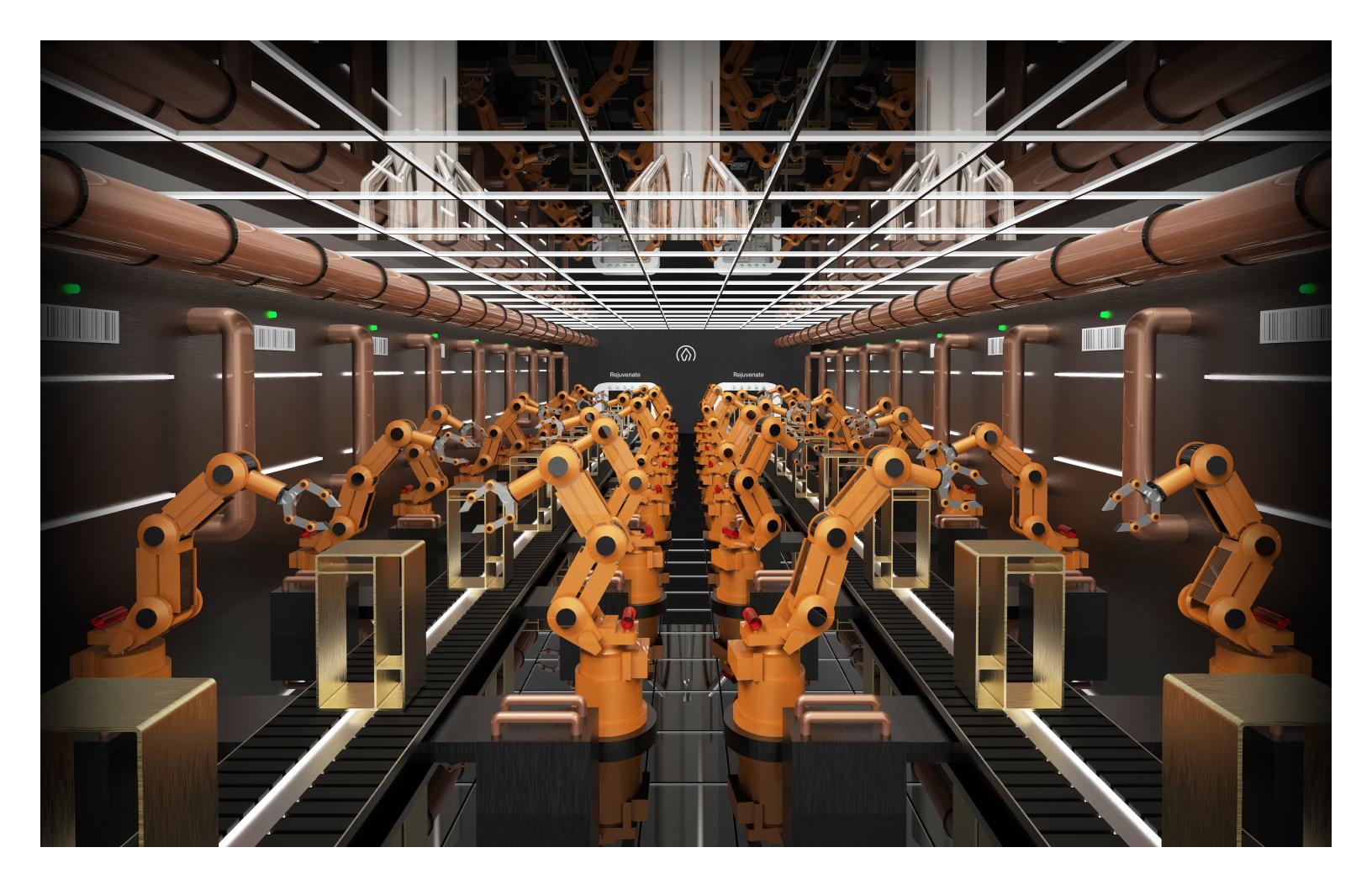




- 1. Allows the block to have access to the outside world physically eg. transportation 4. Storing data for users and trading.
- 2. Providing a steady flow of energy to run the entire block.
- 3. Factories that produces housings, furnitures, food and any essential items.
- 5. Systhesizes and transfer data between users, and connects the entire system
- 6. Provides housing for user to immerse into the virtual world.



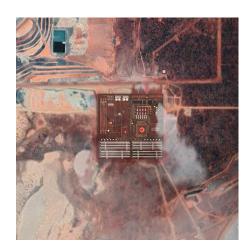




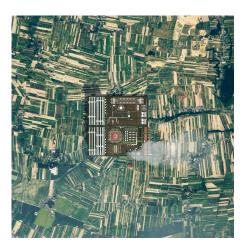






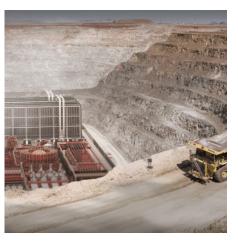












The backbone behind the users' fabricated world is Hestopia where it consists of different components to facilitate a better immersive virtual experience. Different programs such as the factories, dock and housing are designed to maximize productivity and efficiency. The users' energy, food and capsules are all made and harvested locally, making it a self-sufficient city. Hestopia is strategically located at sites that are rich in natural resources such as silicon and copper to ensure a steady supply of material to store users' data.



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Asian Food Market | Domino's | Han's Oriental Supermarket | Hi Tea | Moghul Indian Grill | Popeye's

Thank you!