Z#BRE

**THE PLATFORM THAT MAKES SPACES
AND SERVICES EFFICIENT**

The real estate sector is dirupting. The tenant asks for more flexibility, wants to consume to use, a variety of services, and personalized experience ...

This requires:

- To orchestrate a variety of solutions to streamline experience and operations.
- To drive an ecosystem of service providers in constant evolution
- To operate in third locations made available for a limited time
- Innovate by easily testing new custom experiences
- To be able to deploy quickly to scale by controlling its costs
- Maintaining a heterogeneous set of solutions in operational condition

Z#PLATFORM

Provides service operators with an efficient technology base to meet their challenges.
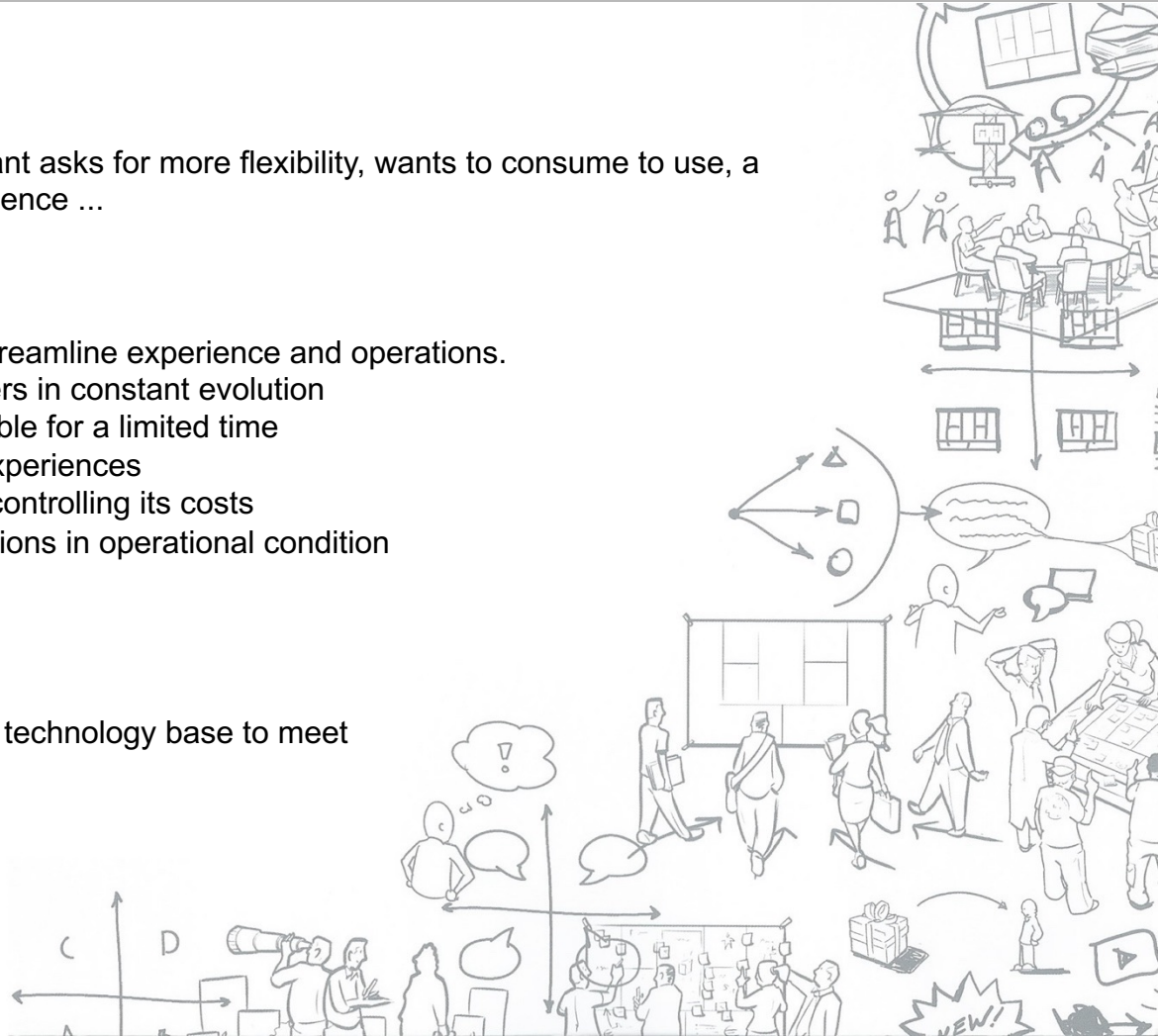
THE 5 PILLARS OF SMART SERVICE

Z#BRE

A tertiary building must be able to deliver smart services

**Z#BRE has developed a unique platform to capture relevant data
and give back flexible and personalized experiences to the occupants of the premises**

CREATE SEAMLESS EXPERIENCES

**Create global and personalized services for each space and
site. Exchange data between each usage and each service.**

MAINTAIN IN OPERATIONAL CONDITION

**To pilot effectively infrastructures and services
requires intelligent oversight. To be able to
detect possible downtime and to anticipate
interventions in the long term and in real time.**

DRIVE A SERVICE ECOSYSTEM

**Take advantage of the richness of an ecosystem
by managing on a single platform all deployed
infrastructure (connected objects and screens), users
applications and service providers**

Z#PLATFORM

MAKE IT EASIER TO SCALE

**To absorb growth quickly is fundamental to sustain an
economic model and make the costs more flexible.**

SPEED UP IMPLEMENTATION

**Deliver services in constant evolving sites
requires to be agile, fast and to be able to do it
at a lower cost.**
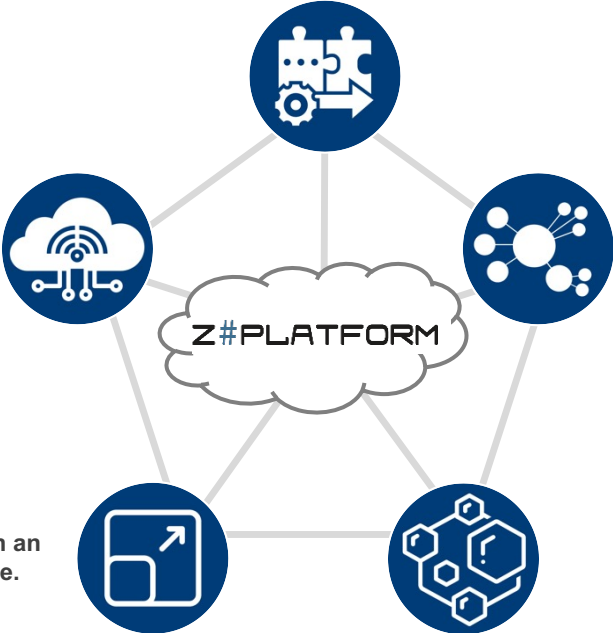
Règles

Nom de la règle

Condamner si 8h d'occupation et notifier prestataire

Enregistrer · Annuler · Désactiver

pation ✏️ ✖️

ble de site ✖️

ttoyage ▼

on ?

Valeur

✔️ FAUX

déclencheur

✉️ Email ✏️

Api

Connecteur

Mon Prestataire

Méthode HTTP

Post

Url relative

api/data/

Corps de la re

Requete

Ajout

During his career in a tertiary building, the tenant uses many uses most often managed by applications and information systems that have no links between them. The office managers and service providers do not have all the information available, they struggle to follow the user in his journey.

New flexibility by openning vertical systems (apps - objects)

- Any stakeholder or system connected to the Z#BRE platform can subscribe to data streams to trigger actions. This data comes from infrastructure (IoT, screens, actuators...), third-party systems (Applications, business information systems...)

- The business rules used during the subscription are without programming by the trigger engine/actuator or by the Blockly graphics engine and allow a very high level of customization for each use.

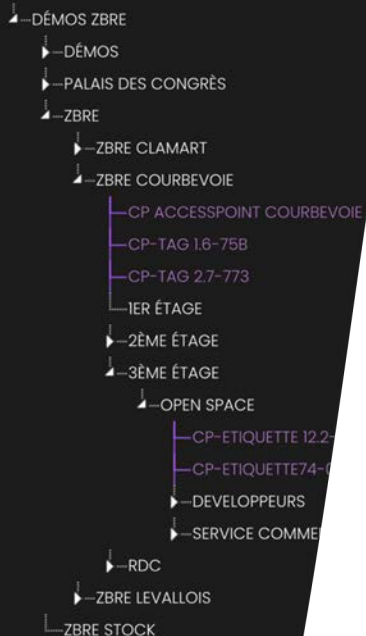## The simplicity of setting for quick redeployments.

- The graph approach allows you to deploy a one-click rule at all tree levels. It's as easy to customize a operation on a unit scale as it is at a site or customer level.

For the symphony of services to sound right, each member of the orchestra must play his score in coordination with the band. Based on a graph architecture, the Z#BRE platform provides each stakeholder with the information they need when they need to act.

Ecosystem Description

- **Mapping customers and actors - companies, subcontractors, stakeholders...**
- **Tree of sites and sub-sites (buildings, storage, access, ...)**
- **Mapping terminals (sensors, displays, objects, software, etc.)**

Relationships and dynamics within the ecosystem

- **Description of interactions between each stakeholder and key information.**
- **Description of interactions between actors, sites and terminals**
- **Service description, indicator setting.**

Opening up the ecosystem to third-party systems

- **Reporting and setting up APIs to third-party information systems GTB, Reservation, Ticketing, GMAO, BIM...**
- **Setting of master repositories IWMS, HR...**
- **Setting up triggers to and from third-party systems**

Left panel (application screenshot):

Z#BRE — Dashboard — Expl...

Création | Affectation

Rechercher un site

☑ Sites ☑ Services ☑ Terminaux

- DÉMOS ZBRE
  - DÉMOS
  - PALAIS DES CONGRÈS
  - ZBRE
    - ZBRE CLAMART
    - ZBRE COURBEVOIE
      - CP ACCESSPOINT COURBEVOIE
      - CP-TAG 1.6-75B
      - CP-TAG 2.7-773
      - 1ER ÉTAGE
      - 2ÈME ÉTAGE
      - 3ÈME ÉTAGE
        - OPEN SPACE
          - CP-ETIQUETTE 12.2-
          - CP-ETIQUETTE74-(
          - DEVELOPPEURS
          - SERVICE COMME
      - RDC
    - ZBRE LEVALLOIS
    - ZBRE STOCK

Unlike the building, services are constantly reconfiguring. A smart service is often implemented in spaces made available for a limited time.
Mastering cloud technologies, Edge computing (local servers) and embedded software in Objects makes it possible to offer wireless solutions with long battery life.

Autonomous energy objects, cheaper, greener

- **Without wires, objects settle in a few minutes without pre-requisquis. Z-BRE mobile application provided. (Ex: 6000m2 installed in 6 hours)**

- **By eliminating a large portion of the installation fee, the TCO is divided by 3.**

- **By dividing energy consumption by several thousand, the solutions contribute to the reduction of CO2 emissions.**

An open platform that integrates with the existing

- **If elements, such as sensors, business applications or users, are already deployed, the platform will integrate them to allow a two-way exchange of data.**

- **The mastery of the communication protocols M2M LoRa, Sigfox, BLE, ZiFi, wifi, LTEM allows to adapt to every customer constraint, security, scope, infrastructure already in place ...**

Side panel (application screenshot)

Z#BRE — Dashboard — Expl

BC-33-AC-87-F5-A4

Affecté au site Bureau Valérie
Type : ZDetecteurPosition
Numéro de série : PMIAA3003U
Numéro : BC-33-AC-87-F5-A4
Hardware : Z#Position/Passage
Software : 1.0.1.0
Batterie : GOOD
RSSI : ‑63 dB
✔ Online
Dernière mise à jour il y a 4 minutes.

↻ Mettre à jour

Retour liste | Soft Delete | Enr

Connexions

AUTO/MANUEL | SERIAL NUMBER

A | PS1ET1000O

The platform natively manages all the ingredients for scale-up. The simplicity and speed of deployments contribute to overall financial performance.

A serverless architecture that allocates resources dynamically

- **Based on the powerful managed infrastructure of our AWS partner, the platform offers unprecedented growth capacity.**

- **It guarantees safety, and a rate of operation among the highest on the market.**

An architecture designed to follow international services

- **The platform allows a global setting while respecting local specificities.**

- **It guarantees the location and redundancy of data in each country.**

- **It is compatible with regional standards (FREQUENCy USA, Asia, Middle East...).**

- **The simplified installation can easily be delegated.**
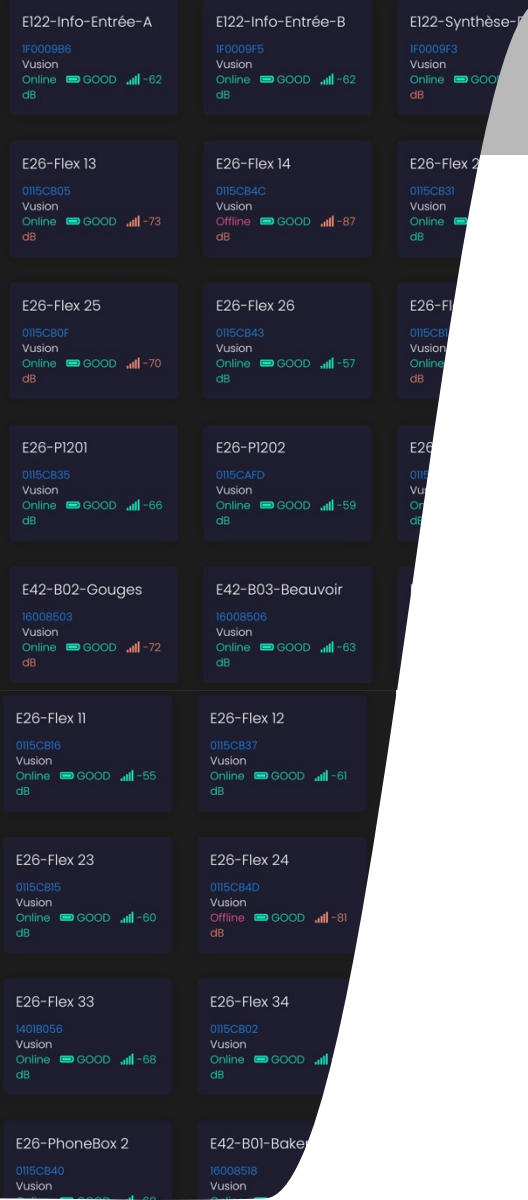
Like the platforms used for critical systems, the Z-BRE platform is modular. The logic of micro-services guarantees overall sustainability by allowing each element to be managed independently. Each module is supervised. Detection of anomalies or intrusions is facilitated.

Infrastructure modularity

- The platform offers the ability to spread intelligence at the most relevant level between cloud edge and Objects.
- Compatibility with multiple communication protocols.

Oversight of low-speed telecom layers

- All local active equipment is monitored in real time.
- Alerts about network anomalies.
- Communication profiles that can be set up by objects or clusters of objects.
- VPN security point-to-point with the cloud.

Manage the stacking of technological layers and obsolescence

- Upgrade of remote embedded software.
- Upgrade communication gateways and software into edge servers.
- Micro-services approach to managing technological developments.

Z#BRE

OUR PARTNERS

SiBA — SMART BUILDINGS ALLIANCE for SMART CITIES

ARSEG / Membre Associé

MOFFI

avidsen — smarter life

Gantner

sedus

EZ WORKSPACE

ELA INNOVATION

surfy

iPorta

amazon web services

THEY TRUST US

NAVAL GROUP

Allianz

Carrefour

convictions RH — Le conseil engagé

TINGARI — L'AMBITION POUR CHACUN

VEOLIA

BlaBlaCar

OCP

RENAULT

nexity

ISS

CARMILA

Conseil Général le Loiret

CONTACT

www.zbre.io

contact@zbre.io

01 80 03 88 90

6 rue Marius Aufan – 92300 Levallois Perret

Côme PINCHART

c.pinchart@zbre.io

06 65 87 41 06