

FreedomComputing

Sebuah Transformasi kultur dalam ber-komputer

Muhammad Bahesti – CTO DesktopIP

Cloud Computing Infrastruktur Ekonomi Digital Indonesia



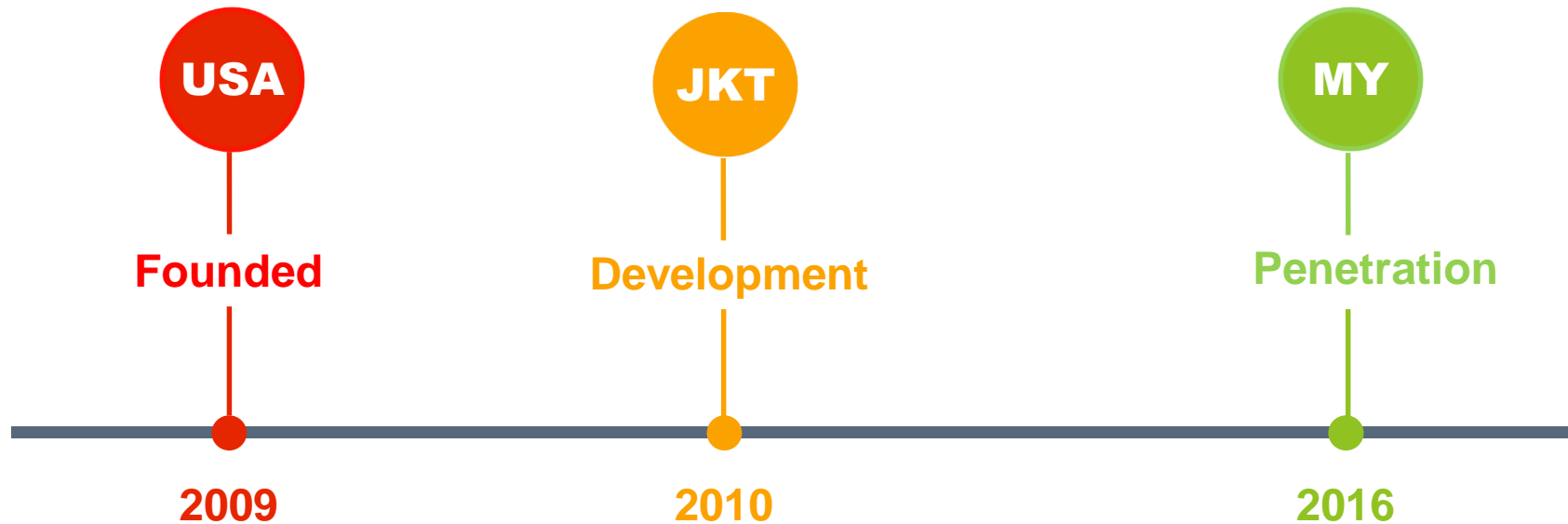
 DESKTOPIP

T e c h n o l o g y V i s i o n

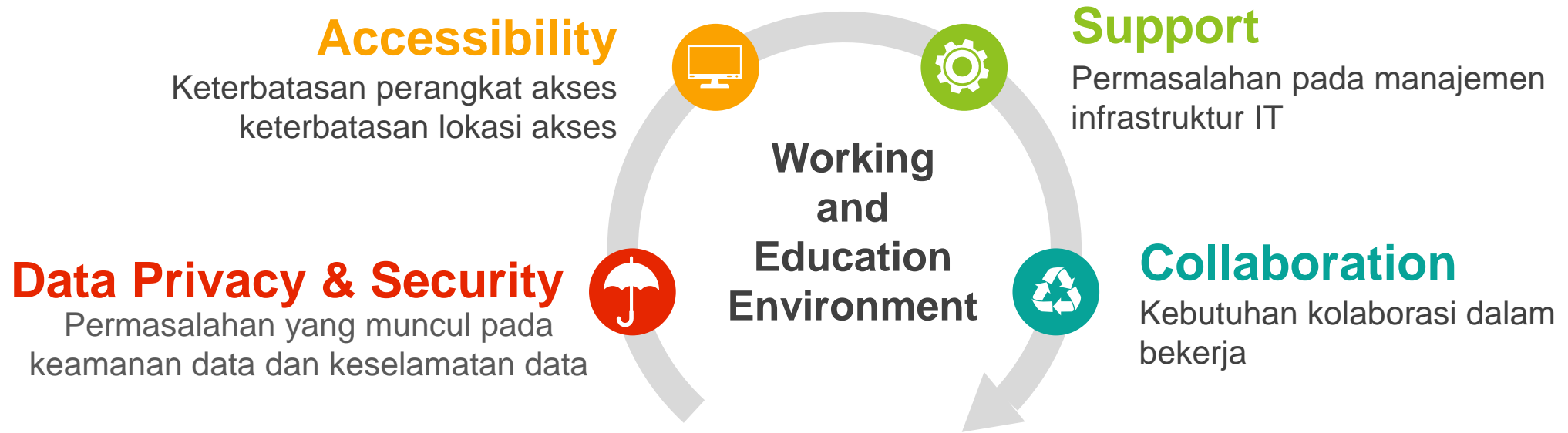
Universitas Al Azhar Indonesia – 10 April 2018

Who we are

desktopIP Corporation is an information technology company that provides an integrated end-to-end virtualization management solutions. We develop the **Integrated Server, Workstation and Software Virtualization** platform to establish a new way of cloud computing which will capitalize growing global cloud computing market.



Background



Freedom Computing



Dynamic Access

Akses yang tidak terkendala dengan batasan ruang.



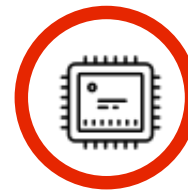
Dynamic Management

Metode management yang dinamis dan fleksible



Dynamic Security

Sistem pengamanan workstation / workspace yang dapat diadaptasikan dengan kebutuhan



Dynamic Computing Resources

Alokasi resources komputasi yang dapat dimanage dengan mudah dan cepat



Dynamic Workstation

Media kerja yang dinamis dan independent tidak terkendala oleh satu perangkat



Dynamic Workspace

Space kerja yang dinamis dan fleksible



Traditional vs Freedom Computing



Traditional Model

Common Workstation

Hardware
Operating System
User Data

VS

Freedom Computing

Device Access Layer

Smart Phone or Laptop or
Thin client

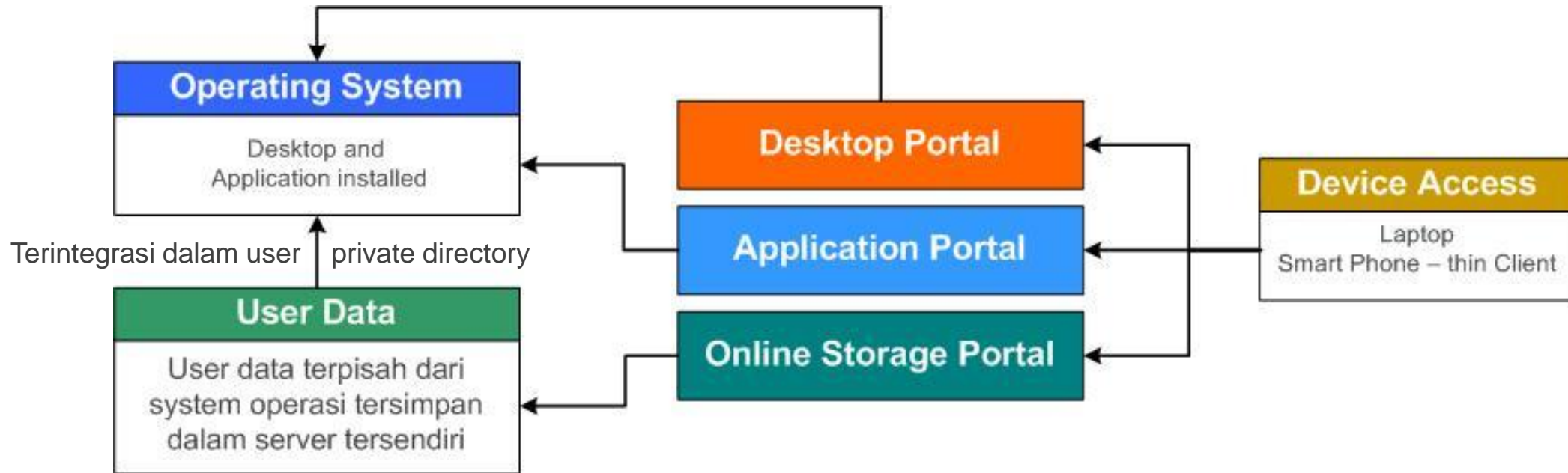
Operating System Layer

Operating System berupa
Virtual Machine yang
terinstall di Server
Virtualisasi

User Data Layer

User data terpisah dari
system operasi tersimpan
dalam server tersendiri

Freedom Computing Access Model



Technology Objective

Smart Education Culture

Sebuah perbaikan dari budaya dalam berkomputer yang lebih baik pada lingkungan akademik

Smart Working Culture

Sebuah perbaikan dari budaya dalam berkomputer yang lebih baik



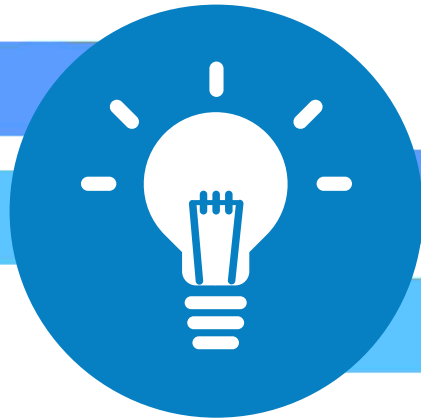
Smart IT InfraStructure

Sebuah perbaikan model infrastruktur dalam bentuk cloud base infrastructure

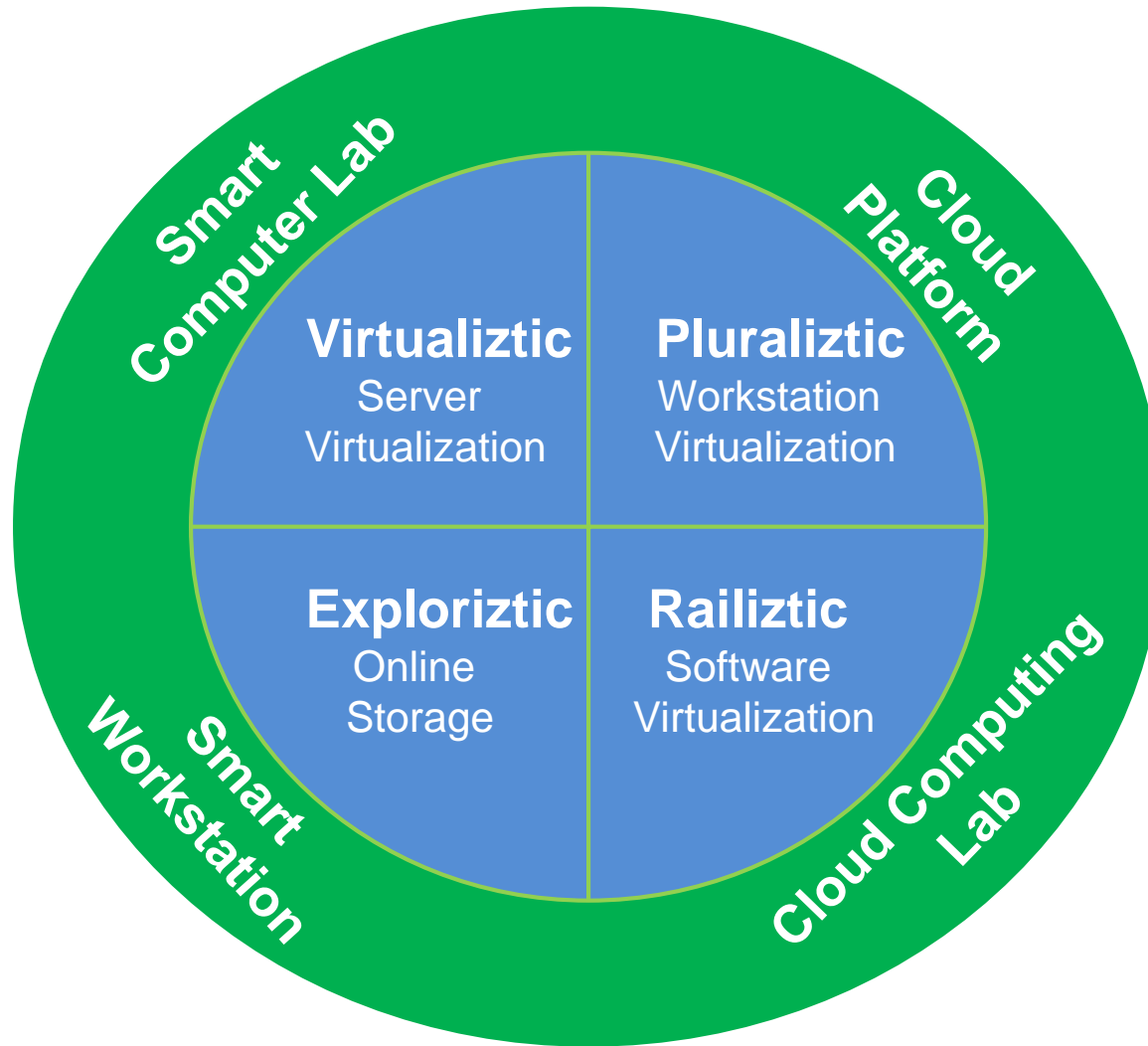
Smart Worker

Suatu komunitas pekerja dengan paradigma baru dalam bekerja

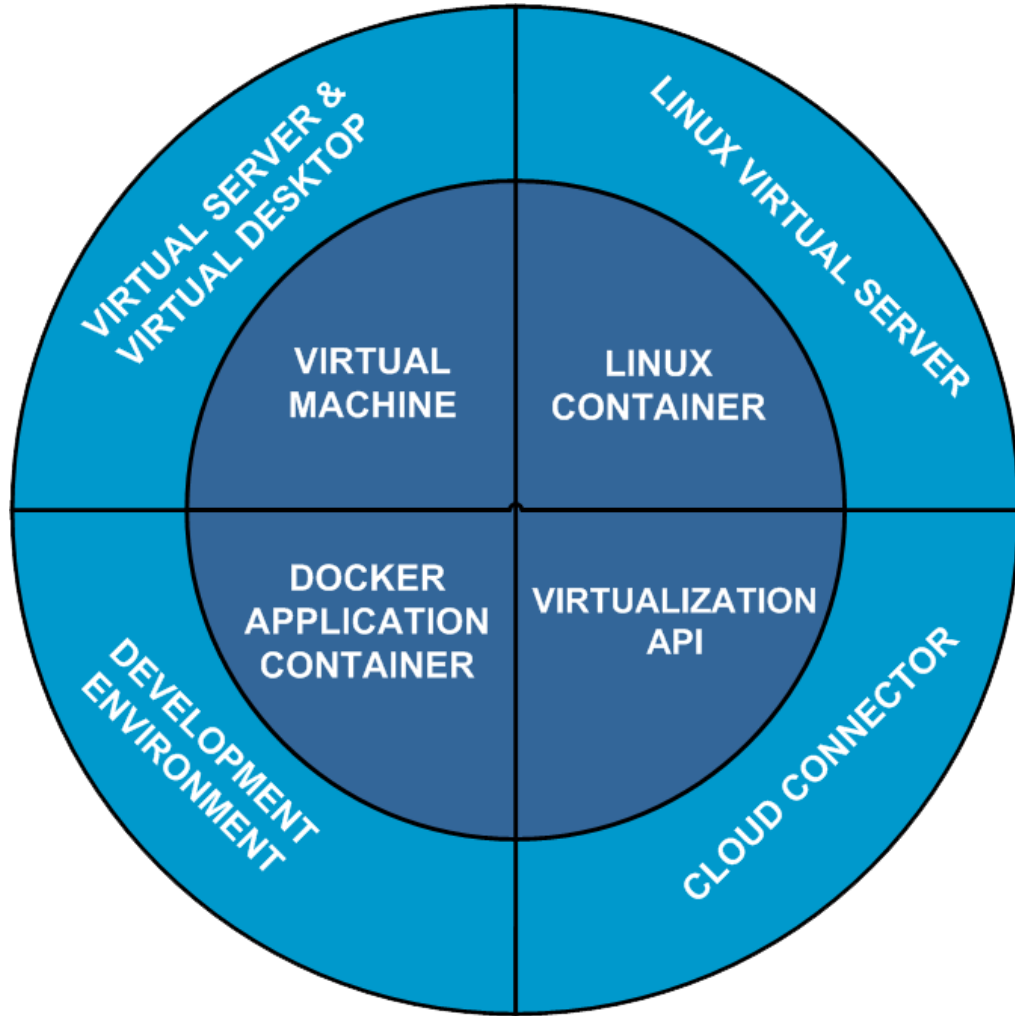
DesktopIPSolution



Product Anatomy

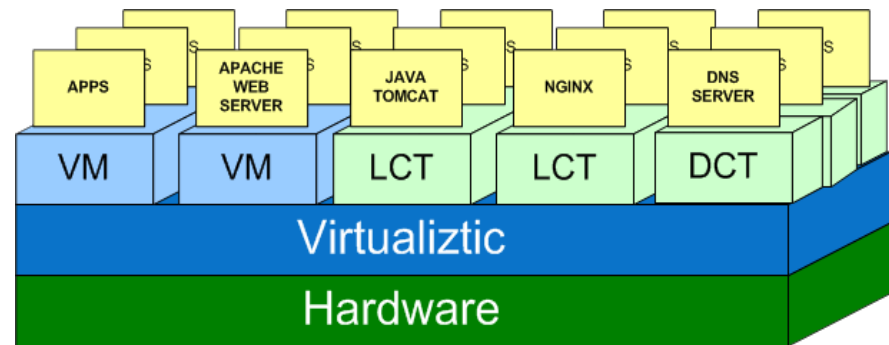


Virtualiztic Virtual Platform



Virtualiztic

Sistem Operasi Linux yang berfungsi sebagai Virtualisasi Server yang mendukung konsep virtualisasi Full virtualization, Linux container and docker application container.



Pluraliztic Remote Desktop Portal

Pluraliztic

Remote Access Gateway
untuk meng-enable web
browser access pada VDI
dan device thin client.

Pluraliztic Broker

Web based management
tools untuk mengatur
backend, remote traffic,
remote balancer,dll

Railzitic Remote Application Portal

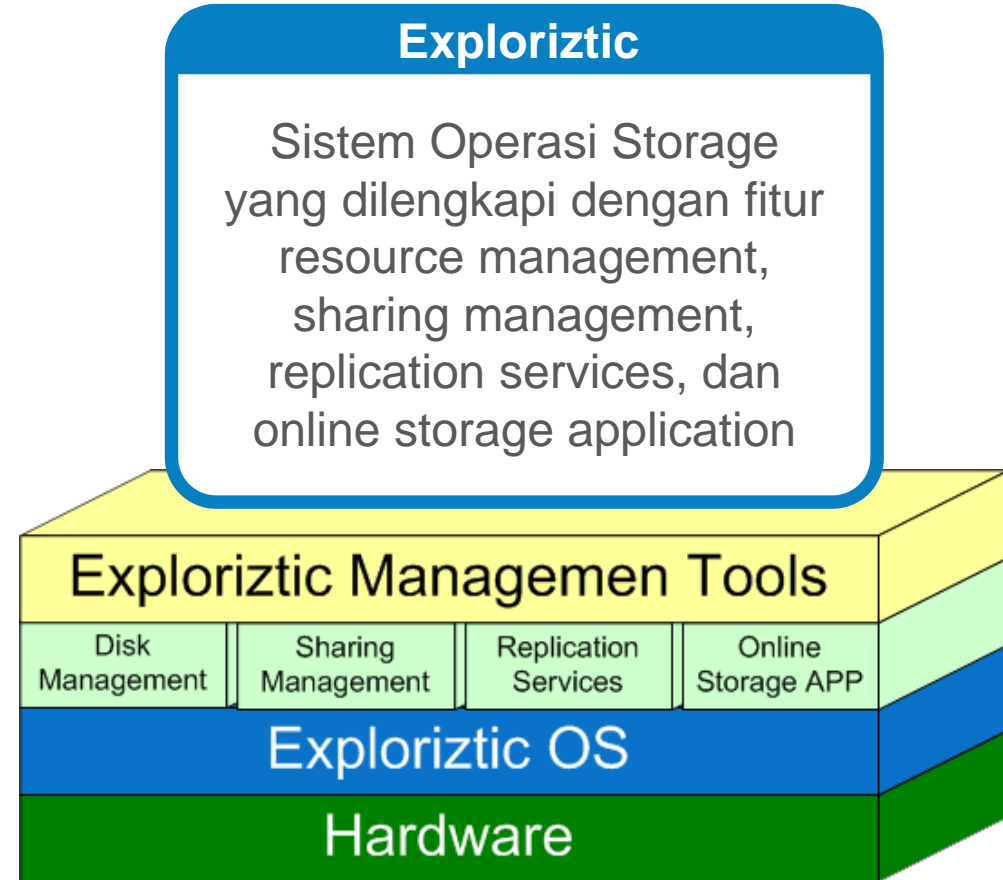
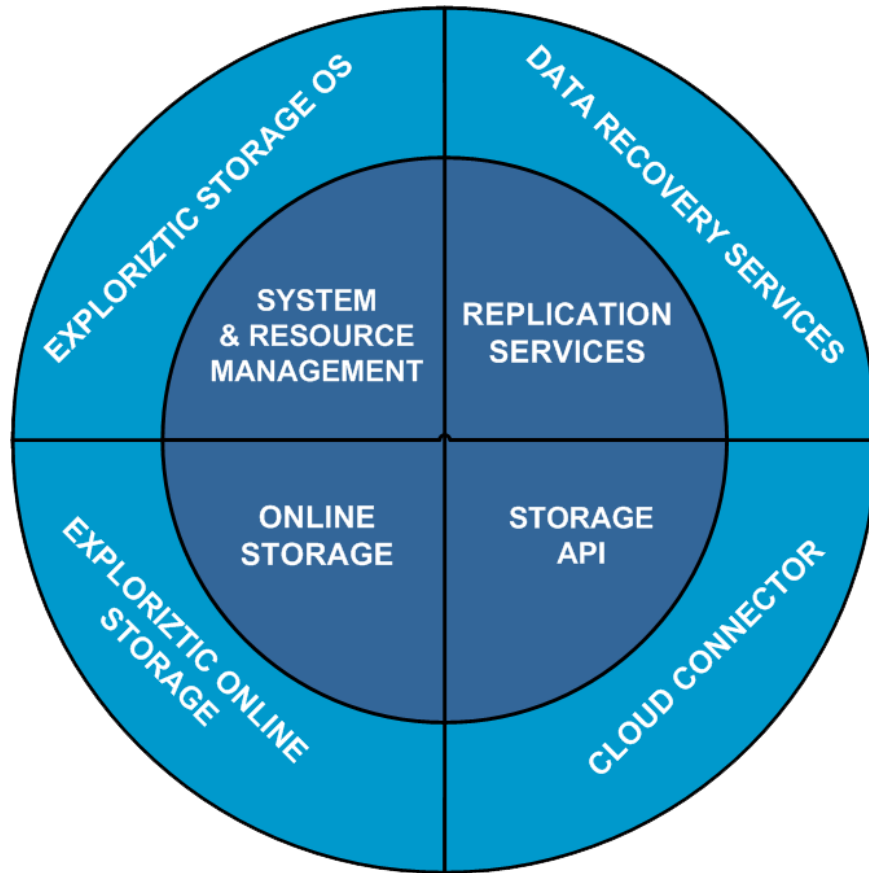
Railzitic

Remote application Gateway untuk meng-enable desktop application streaming pada web browser.

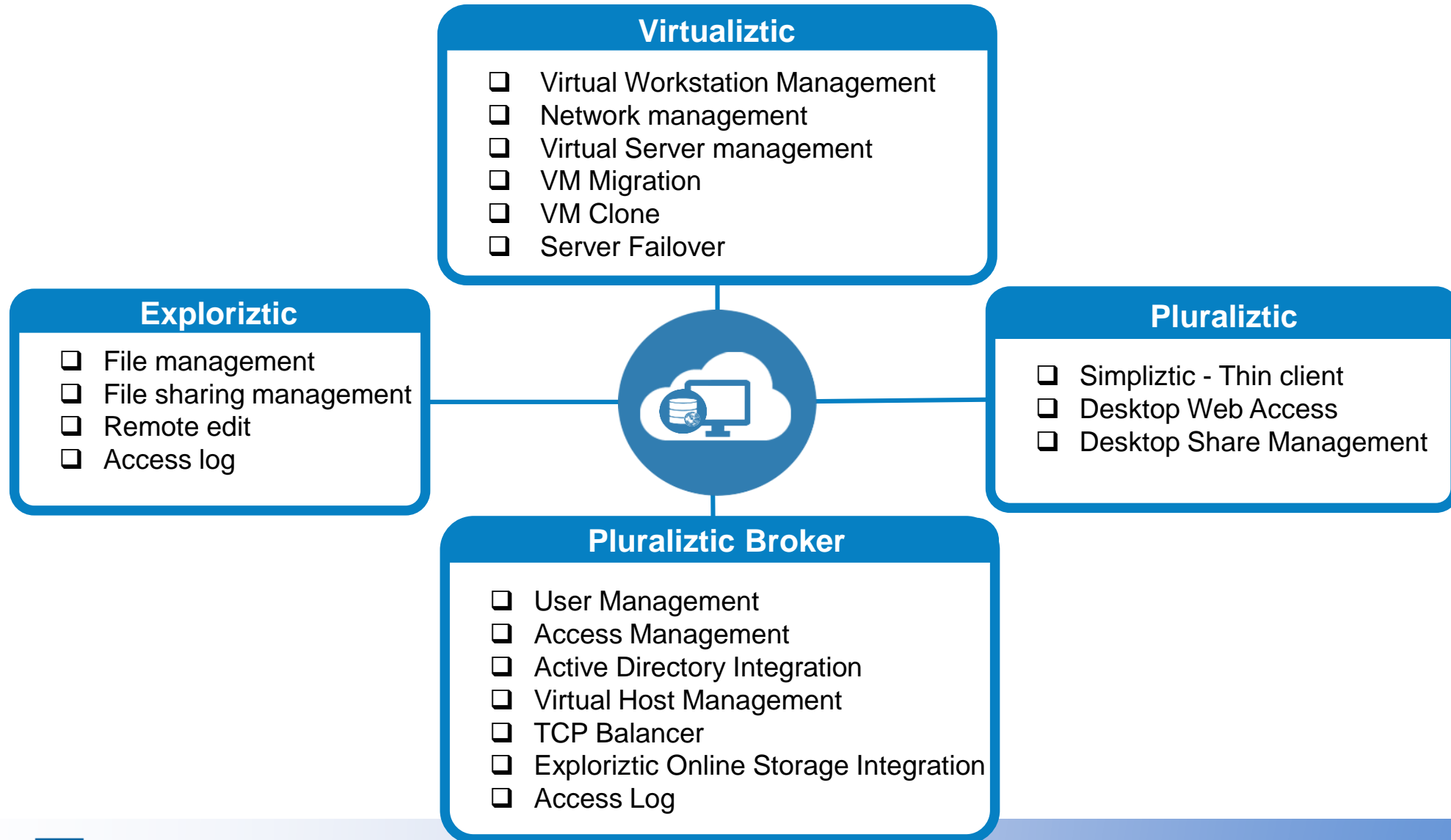
Railzitic Management

Web based management tools untuk mengatur user management, application management pada application portal

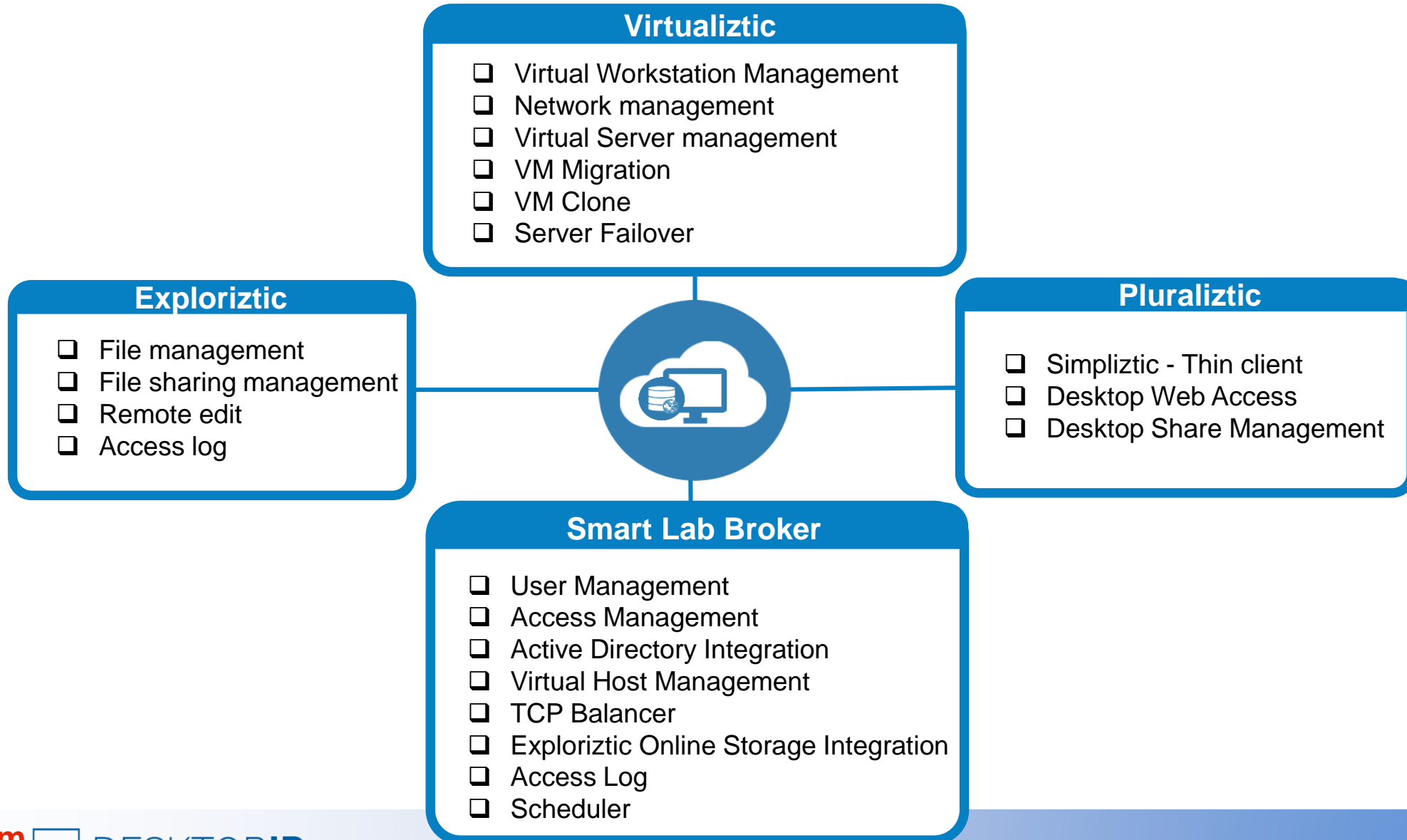
Exploriztic Storage Platform



Smart Workstation Platform



Smart Lab Platform



Benefits

Virtualiztic

- Centralized & Simplify Management
- Dynamic Resource Allocation
- Proportional Resource Usage
- Efficient Power Consumption
- Resources Usage Monitor
- Data Loss Prevention
- Downtime Minimization Capabilities

Pluraliztic

- Any Devices
- Any Where
- Session Collaboration
- Desktop Share

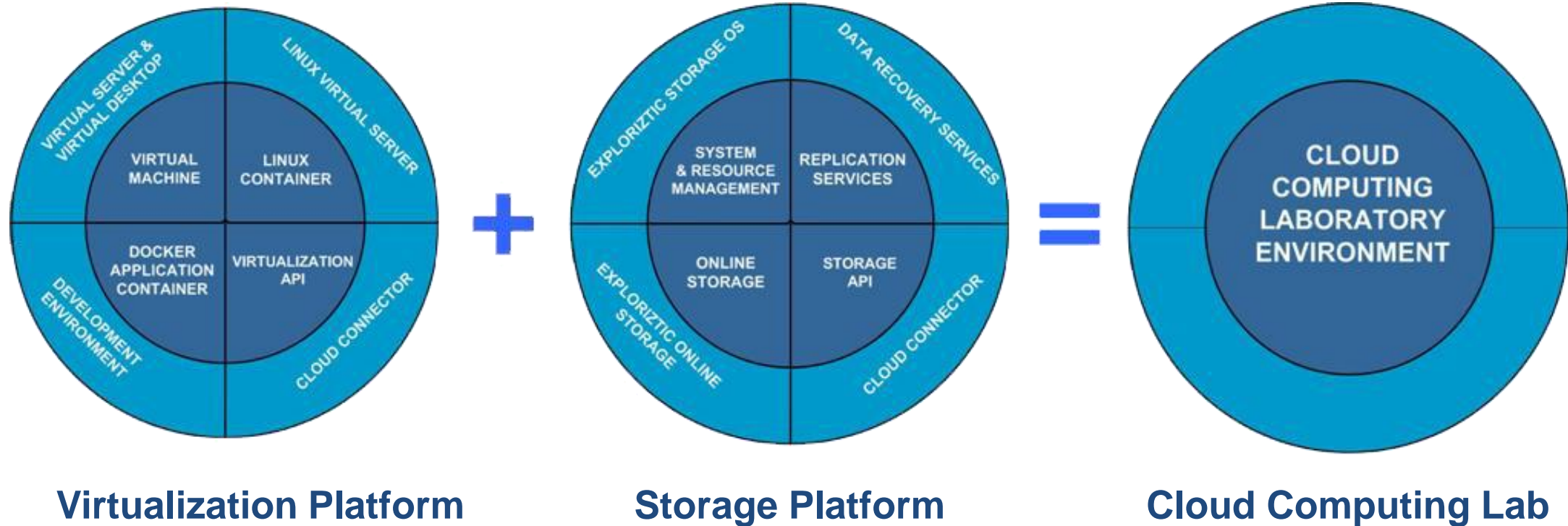
Broker

- Centralized Access Management

Exploriztic

- Collaboration
- Remote edit
- Flexible File Exchange

Cloud Computing Lab

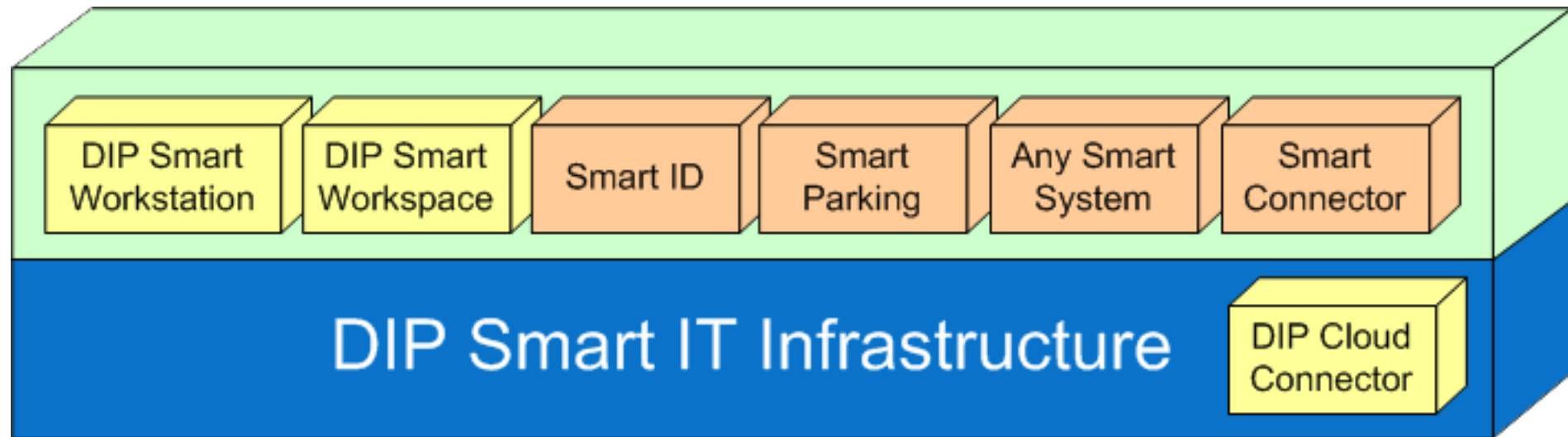


Learn how to create integration of cloud infrastructure to build the new application or services

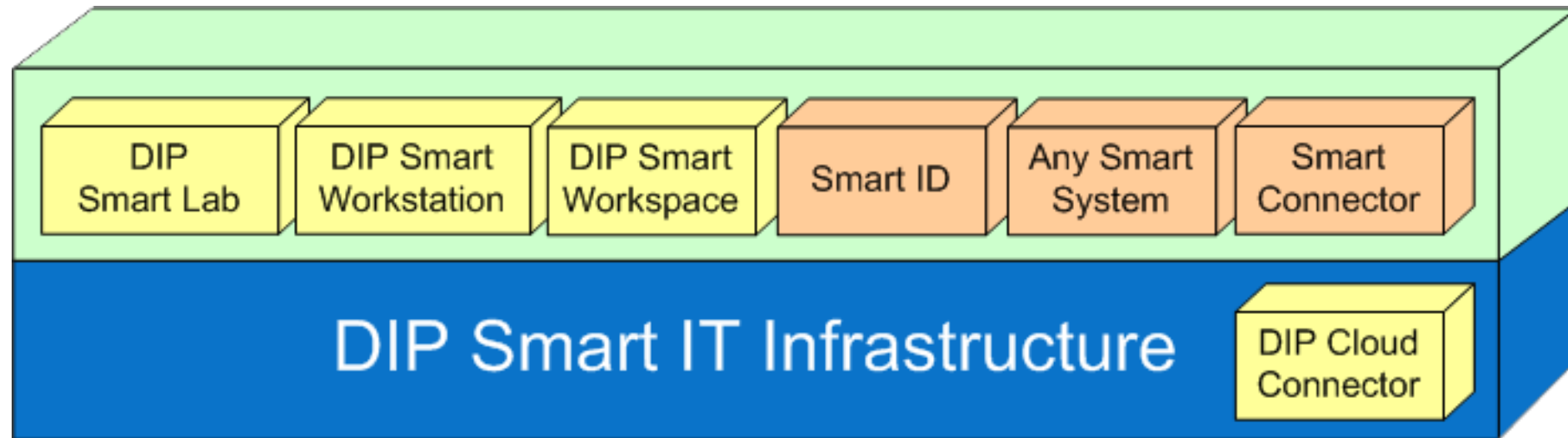
DesktopIP **Technology Position**



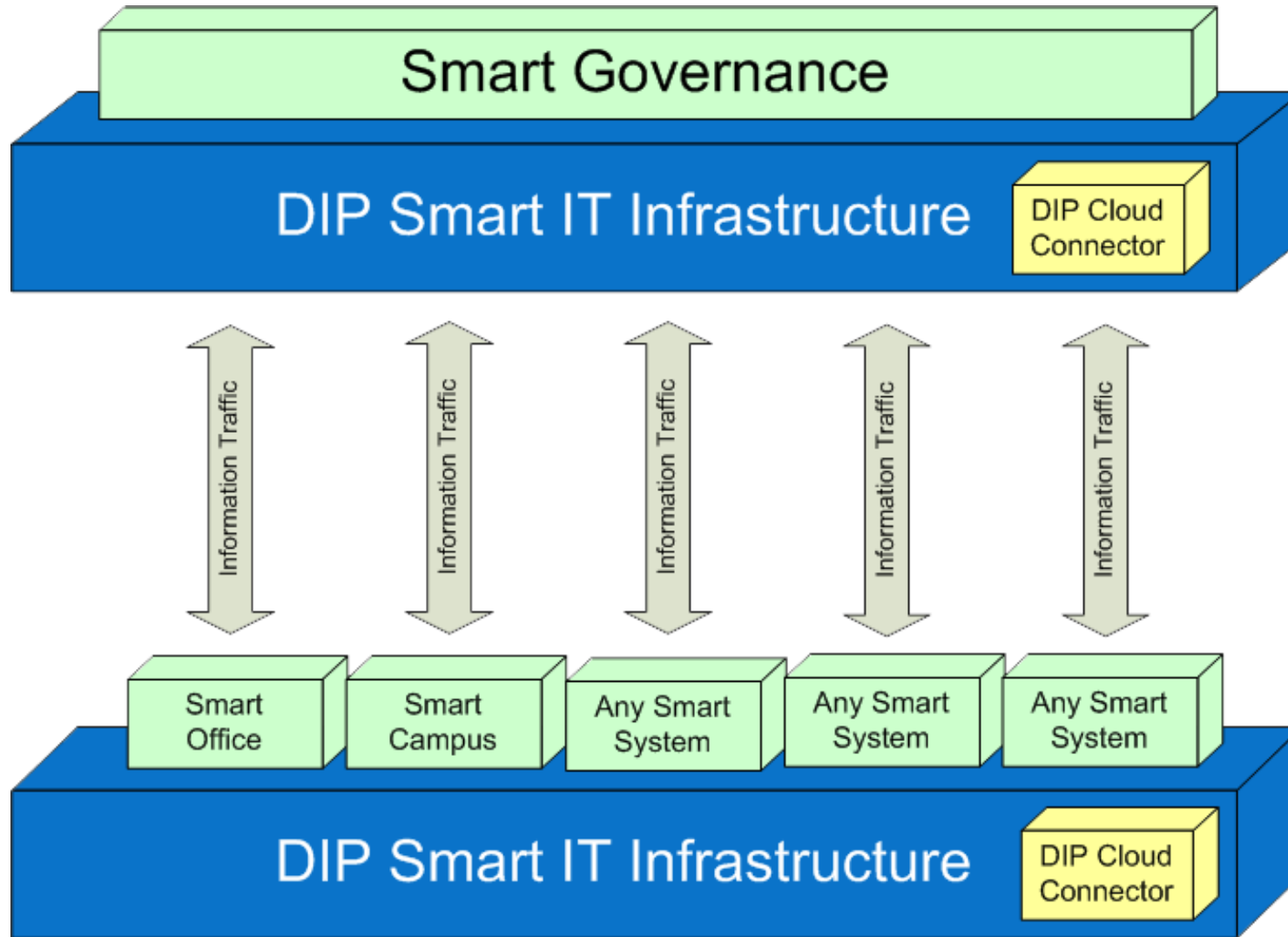
DesktopIP in Smart Office



DesktopIP in Smart Campus



DesktopIP in Smart City



Conclusion

