

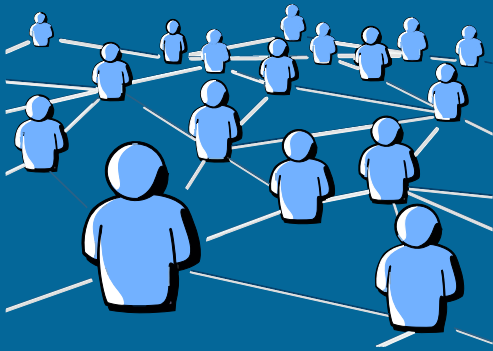


**GXP CLOUD BASED  
INTEGRATION  
FOR LIFE SCIENCE  
BUSINESSES**



# BACKGROUND ON CLOUD COMPUTING

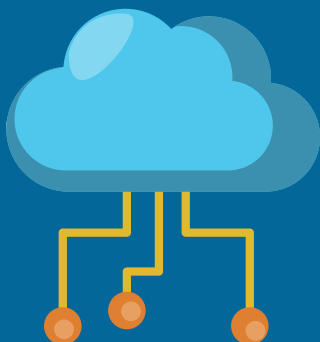
EMERGED AS A SUPPORT  
FOR DIGITALIZATION AND  
BIG DATA



PROVIDES STORAGE SPACE  
AND CAN BE ACCESSED BY  
MULTIPLE USERS, FROM  
MULTIPLE LOCATIONS



CLOUD STORAGE IS A  
STORAGE MODEL ON SERVERS  
(COMPUTERS) IN WHICH  
DIGITAL DATA ARE STORED IN  
POOLS



# GXP CLOUD BASED INTEGRATION



## CLOUD COMPUTING IN A NUTSHELL

It's an on-demand computer system resource that provides services for **data storage** and **processing power**.



## WHY CHOOSING THE CLOUDS FOR YOUR L.S. BUSINESS

Life-sciences companies are generating new paths to business value through efficiencies that cloud migrations typically target.

Life Science companies are as well dealing with big data and GxP principles, for which support of powerful tools (such as cloud computing) can improve velocity of process implementation and application

Cloud Based Integration enables business innovation through **improvements** in automation, scalability, resilience, and data analytics.

Moreover, it **reduces costs** and **human error**.

# HOW TO CREATE VALUE WITH CLOUD COMPUTING

## UPGRADING IT SYSTEMS

To quickly operate along the **entire value chain**, from early development to manufacturing, supply chain and customer engagement

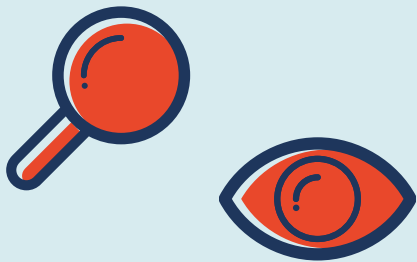
01



## ALLOW FOR GLOBAL STANDARDIZATION OF PROCESSES

To **simplify** business processes, **optimizing** supply chains, and **standardizing** sales operations.

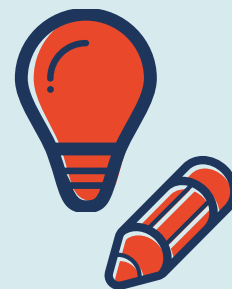
02



## DRIVING BUSINESS INNOVATION

Structure operating models around products/platforms and **boost development** by setting up cross-functional teams that work in short iterative cycles.

03



## CAPTURING VALUE FROM DATA

By integrating end-to-end processes and standardizing **workflow management**.

04



## SCALING RAPIDLY

Essential business capabilities can be supported by cloud systems: application maintenance requires only a **lean IT** organization

05



It enables business innovation through improvements in automation, scalability, resilience, and data analytics. while reducing costs and human error.

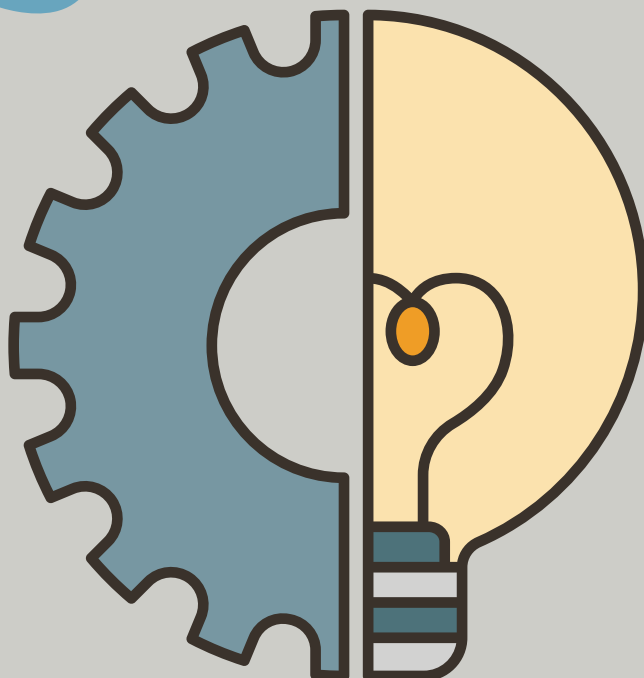
**+ SCALABILITY**

**+ INNOVATION**

## **WHY HAS IT EMERGED FOR COMPANIES**

**-COSTS**

**-ERRORS**



# THREATS OF CLOUD COMPUTING

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## DATA BREACHES

DENIAL  
OF SERVICE



CRYPTOJACKING

HIJACKING

PHISHING



# SWOT

## STRENGTHS

Flexibility  
Accessibililty  
Security  
Cost-saving

## OPPORTUNITIES

High-tech  
Innovation  
Modern solutions



Flexibility  
Accessibililty  
Security  
Cost-saving

Flexibility  
Accessibililty  
Security  
Cost-saving

## WEAKNESSES

## THREATS