

CYBER DIGITAL WORLD

NEWSLETTER

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Digital Transformation: Modern Business Essentials

Our previous publications focused on cybersecurity. Now, we turn our attention, to Digital Transformation, which is another key aspect of our business.

At Precision Cyber, we also provide tailored digital solutions to suit your specific needs.

Let's begin with a definition of Digital Transformation: it's the integration of digital technology into all areas of a business, fundamentally changing how you operate and deliver value to customers. It's also a cultural change that requires organizations to continually challenge the status quo, experiment, and get comfortable with failure.

Essentially, digital transformation is all about becoming a digital enterprise—an organization that uses technology to continuously evolve

all aspects of its business models (what it offers, how it interacts with customers and how it operates). As technology evolves, so should your business.

At this point, it's not about companies choosing to transform; it's more about deciding how to transform.

Precision offers a range of digital solutions including:

- Data Analytics
- Automation
- Cloud Migration
- Software Development and Integration

- Software and Solutions as Services
- Data Management as Services
- Data Forensics

In this issue we'll focus on Cloud Migration. Understanding what cloud migration is, how it can benefit your business, and what is involved in making it happen, will help you decide on the best strategy to achieve a smooth transition to the cloud.

WHAT IS THE 'CLOUD'?:

"The cloud" refers to servers that are accessed over the Internet, and the software and databases that run on



In this Issue:

**DIGITAL TRANSFORMATION:
MODERN BUSINESS
ESSENTIALS**

**HEADLINE NEWS: JOY
HOPES BANGLADESH TO
LEAD IN 4TH INDUSTRIAL
REVOLUTION**

**FREQUENTLY ASKED
QUESTIONS**

UPCOMING EVENTS



those servers. Cloud servers are located in data centres all over the world. By using cloud computing, users and companies do not have to manage physical servers themselves or run software applications on their own machines.

The pandemic has seen more and more companies accelerate their move to the cloud, reinventing their offerings, and becoming more cost-efficient, agile, and innovative in how they operate their businesses.

As an on-demand, self-service environment, cloud is vital to achieving end-to-end digital transformation. Now, more than ever, cloud is vital to help businesses reopen, reinvent, and outmanoeuvre uncertainty.

WHAT IS THE CLOUD MIGRATION?

Cloud migration is the process of moving a company's digital assets, services, databases, IT resources, and applications either partially, or wholly, into the cloud. Cloud migration is also about moving from one cloud to another.

Some benefits of migrating to the cloud include:

- **Cloud scalability** - The cloud removes the physical constraints to scalability and reduces the financial limitations of adding

servers and the supporting infrastructure to a data centre.

- **Reduction in costs** - With cloud, you pay only for the capacity you use. Instead of adding on-premise capacity to anticipate scalability, with cloud, you pay only for the capacity you need now and scale on demand when you need to
- **Security** - Clouds typically are secure environments that comply with global industry standards and government regulations. They are protected through security solutions and tools, best practices, and policies that cloud providers update as needed on a regular basis and scale
- Increased agility and flexibility - Migrating applications to the cloud allows your company to adopt new technologies faster, while also enabling affordable, just-in-time technology adoption in response to business opportunities.

Your organization can benefit from migrating data and workloads to the cloud:

- **Scalability**: The cloud removes the physical constraints to scalability and reduces the financial limitations of adding

servers and the supporting infrastructure to a data center.

- **Cost-effectiveness**: The cloud lets you pay for only the capacity you use. Instead of adding on-premise capacity to anticipate scalability you may or may not need, with cloud, you pay only for the capacity you need now and scale on demand when you need to.
- **Security**: Clouds typically are secure environments that comply with applicable industry standards and government regulations. They are protected through security solutions and tools, best practices, and policies that cloud providers update as needed on a regular basis and at scale.
- **Accelerated adoption**: Migrating applications to the cloud allows your company to adopt new technologies faster, while also enabling affordable, just-in-time technology adoption in response to business opportunities.



Upcoming Events

**CANADA WEST VIRTUAL CYBERSECURITY SUMMIT
November 23, 2021**

**ANNUAL COMPUTER SECURITY APPLICATIONS CONFERENCE (ACSAC)
December 6-10, 2021**

HEADLINE NEWS:

Joy hopes Bangladesh to lead in 4th industrial revolution



Prime Minister's ICT Affairs Adviser Sajeeb Wazed Joy expressed his optimism that Bangladesh would lead in the fourth industrial revolution as the country is marching forward following the target.

"Bangladesh is marching towards fourth industrial revolution. Bangladesh has the capability," he told a ministerial conference of World Congress on Information Technology (WCIT) at Bangabandhu International Conference Centre on Thursday.

Joy, also grandson of Father of the Nation Bangabandhu Sheikh Mujibur Rahman, presented a keynote paper titled "Ensuring an Inclusive, Trusted and Sustainable Digital Society" joining it virtually.

He said Bangladesh is putting emphasis on artificial intelligence, blockchain, IOT, nano-technology, biotech-

nology, robotics, microprocessor designing and other areas to lead in the fourth industrial revolution.

Mentioning that united efforts are needed to lead the 4th industrial revolution, he said: "We will have to work together on the path of innovations and thus we will go ahead," he said.

He said as the invention of steam engine, use of electricity and invention of transistor had changed the course of human civilization through creating massive industrialization, these three incidents are identified as three industrial revolutions.

SOURCE Joy hopes Bangladesh to lead in 4th industrial revolution | Online Version (daily-sun.com)



Frequently Asked Questions:

WHAT'S THE DIFFERENCE BETWEEN DIGITIZATION AND DIGITALIZATION?

Digitalization refers to the addition of digital technology to create new business opportunities and processes. For example, a bank that launches an app to increase access and provide better service to digital transformation clients has undergone digitalization.

Digitization, on the other hand, means transforming existing analog processes into digital ones. Repla-

cing a paper documentation system with a digital one is an example of digitizing the process.

HOW MUCH ARE COMPANIES INVESTING IN DIGITAL TRANSFORMATION?

Companies are investing in digital transformation with increasing momentum. According to predictions from the International Data Corporation (IDC), global spending on digital transformation technology will reach \$6 trillion by 2023.

WHAT ARE THE BIGGEST BARRIERS TO DIGITAL TRANSFORMATION SUCCESS?

There are many common barriers to digital transformation, any combination of which could hinder your strategy. Some of the biggest include:

- Employee resistance to change
- Unclear vision of user value
- Choosing the wrong vendor
- Lack of flexibility
- Failing to evolve your business model



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