

Cloud-First Digital Transformation through Hosting Controller

Putting in a Hybrid Cloud Control Panel is the first step towards an organization's journey to 'cloud-first digital transformation'. It controls all the IT infrastructure and applications in a way cloud computing requires; whether on-premise or in public clouds.

A control panel software is usually headed by a CIO or CDO or CTO, this serves as the face of the IT department for the rest of the organization. Its primary purpose is to provide a 'single control pane' for all activity going on in the digital assets.

Journey would be unique for each organization but would go through some mandatory few steps:

Step 1: Map your Organization

Each organization has a hierarchy and structure and there are users organized in departments and organizational units. First step is to create this hierarchy in the control panel and then give every user its account in it. To do any control activity, the user will login to this control panel and perform the activity.

{Link to White Paper; How to map an organization to the Control Panel}

Step 2: On-board Private Cloud

IT makes a decision which applications and workloads are moving to the public cloud(s) and which are staying where they are; in private data centers or on-premise servers.

Most common reason for staying private is the 'data' of the enterprise which cannot be moved to the public cloud. When this cannot be done, Hosting Controller provides the option to bring the 'cloud to the data'.

An important step here is to 'SaaS Enable' all applications which are staying where they are. Control Panel enables the basic platform to present all applications 'As a Service'. {SaaS-Enable an Application for the Cloud}

Hosting Controller already provides modules for connecting:

- Infrastructure
 - Virtualization applications on vmware and hyper-V.
- Software
 - MS Exchange
 - Other list

Step 3: On-Board Public Cloud(s)

Some workloads are moved to the public clouds. Amazon AWS, Microsoft Azure and Office 365 are already supported out of the box.

85% of existing organizations are already using multi-cloud strategy. Hosting Controller enables all public clouds to be connected into the control panel easily.

Step 4: Integrate all other applications

Hosting Controller provides an SDK to SaaS enable any application. {Links to basic documentation prepared by Haider}

Step 5: Migration of User Data

{Introduce tools for mail migration etc.}

Step 6: Import of Application System Data

{Assigning resources to users etc.}

Step 7: Identity and the distributed cloud

{Anything about AdSync}

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