JT-NM ROADMAP

THE PROBLEM

➢ Media companies need to be confident that their purchasing decisions are based on a clear technical strategy

➢ Suppliers need to develop products that match customer's needs and add their own special features and functionality

The JT-NM provides an agreed framework
for technical strategy in
the transition to IP-based systems

WHAT IS THE JT-NM?

The Joint Task Force on Networked Media

➤ A group of international technical bodies
➤ Representing media companies and their suppliers
➤ Setting forth an open, coherent path for industry developments

WHAT DOES THE ROADMAP SHOW?

Roadmap of Open Interoperability shows

➢ Which standards and specifications enable the
   JT-NM Reference Architecture

➢ How the range of underlying technologies is expected to evolve

➢ When it is expected that those standards and specifications will be
   widely available to build interoperable multi-vendor systems

Note that timescales shown are approximate and may vary depending on the speed of industry developments.

WHAT ARE "DEMATERIALIZED FACILITIES"?

Two main sub-categories

1) **Cloud-fit** – Suitable for use in a cloud-based environment

➤ On Demand – scalable, elastic, measurable
➤ Security from the outset – Internet best-of-breed
➤ Generic cloud infrastructure – ubiquitous/resilient/public APIs
➤ Multi-cloud – private/public/multi-cloud vendor

WHAT ARE "DEMATERIALIZED FACILITIES"?

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2) **Non-media specific IT**

- ➤ Self-describing APIs – well documented, fully functional
- ➤ Software-only
- ➤ Virtualizable – runs on virtual machines
- ➤ Security – best current practices
- ➤ COTS Hardware – entirely COTS or COTS w/specialized boards
- ➤ Layered & open architecture – follows current best practices

THE INFORMATION SHEET

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