

The JT-NM Roadmap and what it 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 be widely available to build interoperable multi-vendor systems

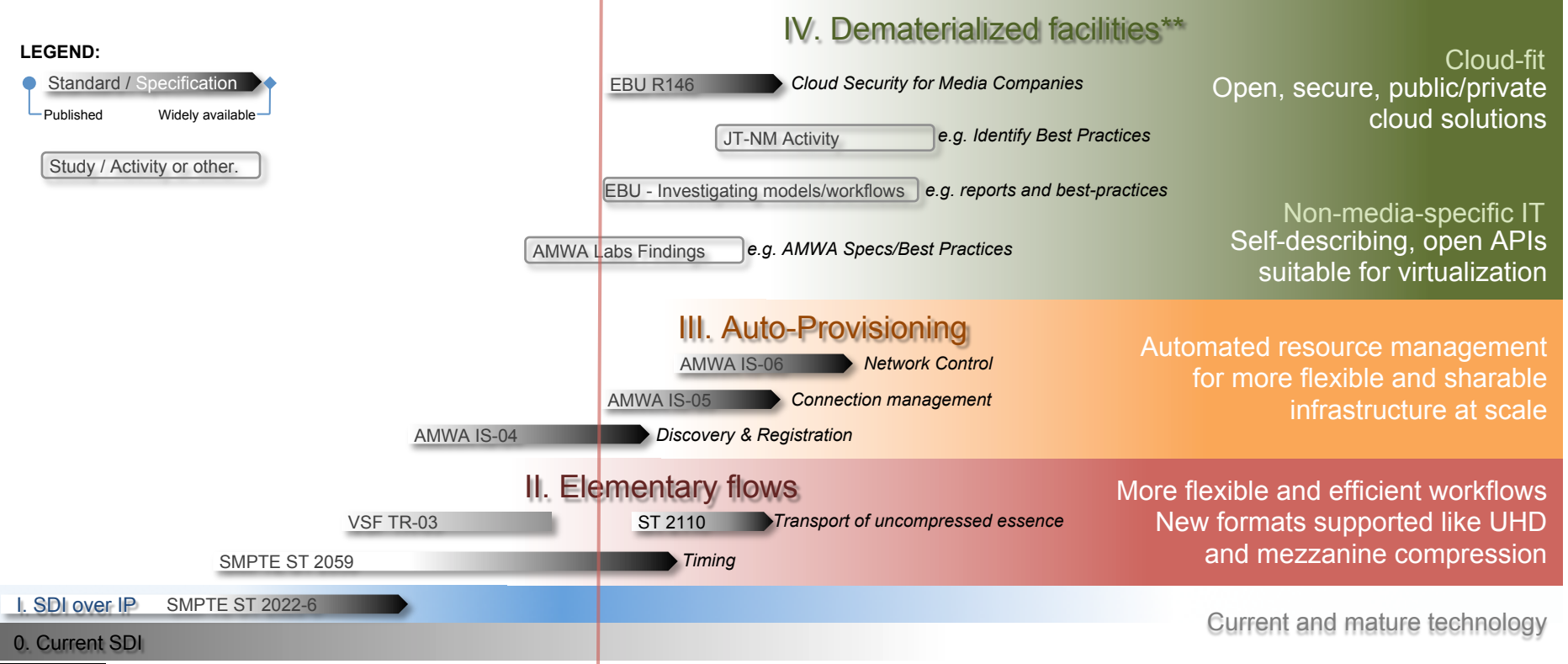
Note that timescales shown are approximate and may vary depending on the speed of industry developments.

JT-NM Roadmap of Networked Media Open Interoperability*



LEGEND:

- Standard / Specification (arrow icon)
- Published (line icon)
- Widely available (line icon)
- Study / Activity or other. (box icon)



**See Dematerialized Facilities FAQ at JT-NM.org for more information. * JT-NM assumption as of August 2017 and will evolve over time. Visit JT-NM.org for the latest update. Feedback to jt-nm-info@videoseervicesforum.org

Dematerialized Facilities

Two main sub-categories

Cloud-fit – suitable for use in a cloud-based environment

- **On Demand – scalable, elastic, meterable**
- **Security from the outset – Internet best-of-breed**
- **Generic cloud infrastructure – ubiquitous/resilient/public API**
- **Self-describing APIs – well documented, fully functional**
- **Multi-cloud – private/public/multi-cloud vendor**

Non-media specific IT

- **Software-only**
- **Virtualizable – runs on virtual machines**
- **COTS Hardware – entirely COTS or COTS w/specialised boards**
- **Layered & open architecture – follows current best practices**

Changes since previous version (April 2017)

- Expanded section IV. Dematerialized facilities & added Cloud-fit & Non-media-specific IT sub-categories
- Added short description and other items to Dematerialized facilities lane
- Added JT-NM Activity (e.g. Identify Best Practices) to Dematerialized facilities
- Added reference (**) to Dematerialized Facilities FAQ
- Decreased size of 0. Current SDI & I. SDI over IP lanes & reduced detail
- Added 'Study/Activity or other.' to "LEGEND"
- Added AMWA and EBU document numbers & titles for IS-05/6 & R146.
- Removed AMWA NMOS generic arrow
- Combined discrete elements of ST 2110 into a single arrow
- Move the red line to IBC 2017
- Updated date to August 2017
- Small cosmetic changes