

DIGITAL COMMUNICATIONS INFRASTRUCTURE SKILLS STANDARDS AND DELIVERY

- **Quantity - unpacking the numbers**
- **Quality - a more serious problem**
- **Co-opetition and regulation**
- **Creating an evolving pipeline**
- **Action Plan – for accelerating change**

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DIGITAL COMMUNICATIONS INFRASTRUCTURE SKILLS NUMBERS

- **Deep Skills/R&D - demand in hundreds:**
supply limited by willingness to pay for courses/modules.
- **Professional - demand supposedly in thousands** but
mostly for skillsets which experienced technicians can acquire rapidly
- **Technicians - demand in tens of thousands**
mostly for skillsets which can be acquired/assessed in days/weeks
given flexible/modular programmes and/or skills incubators
- **Applications technicians - millions**
from plumbers/electricians installing “smart” networked systems
to catering staff and careworkers maintaining and using them

DIGITAL COMMUNICATIONS INFRASTRUCTURE SKILLS

Quality and Relevance

- **Standards (apprenticeships)**
 - o Digital Solutions Professional - L6
 - o Network Engineer - L4
 - o Infrastructure Technician - L3
 - o Network cable Installer - L3
 - o Digital Applications Technician – L3
 - o Building & Highways – L2, 3, 4
- **Delivery (shared skills incubators)**
- **Accreditation (trainers, suppliers)**
- **Certification (individuals)**
- **Registration (individuals competent to ...)**

For full list of current/proposed standards, contacts, participants and providers see
<https://www.instituteforapprenticeships.org/apprenticeship-standards/>

DIGITAL COMMUNICATIONS INFRASTRUCTURE SKILLS ACTION PLAN

- **Participate in Partnerships to:**
- **Agree, develop and maintain Standards**
- **Share and accredit evolving delivery**
- **Certificate and Register evolving competence**
- **Create pipelines to handle accelerating change**

Who is willing to work with who, via which channels to achieve what?

(BCS, Creativeskillset, DPA, IET, INCA, SEMTA, Tech Partnership, Tech UK, UKCFC ...)

- Enquiries.IFA@education.gov.uk

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