

Curriculum Vitae

Frank Kerrin

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Digital Media Technology Professional

Director of Broadcast Technology with long and proven track record

Key to media technology strategy and implementation, strong advocate of cloud technology in media

Responsible for several successful technology upgrades including HD, OTT and cloud technology

Led consolidation of technical resources and departments from Orbit Bahrain and Showtime Dubai

Responsible for successful migration of Orbit's broadcast facilities from Rome to Bahrain

PROFESSIONAL SUMMARY

Sep. 10 – Nov. 18: Director of Technology Support and Projects at OSN, Dubai
OSN is the leading pay TV platform in the Middle East and North Africa

- Responsible for technology strategy planning, staffing and budgeting.
- Responsibilities included:
 - Broadcast Engineering – support of broadcast platform
 - Broadcast Projects – planning and integration of complex projects
 - Cloud Technology – strategies for DR and workflow re-architecture
 - Satellite/RF – contribution feeds and uplink provider relationship
 - Broadcast IT – security and management
 - Broadcast Management Systems – metadata for content
- Broadcast Technology Strategy and Implementation:
 - Cloud workflows and migration, disaster recovery
 - Broadcast IT infrastructure
 - Transcoding and Live Streaming for OTT
 - Archiving, Playout and Encoding/Multiplexing
 - Studios, Control Rooms, Post Production and Media Processing

May 00 – Sep. 10 Engineering Manager, Orbit Communications, Rome and Bahrain

- Consolidation of technology and functions following the merger between Orbit and Showtime (later to become OSN)
- Set-up of Bahrain facility and managed continual expansion during the migration from Rome.

Previous positions also held with Carlton Television, Orbit Communications and BBC

EDUCATION:

Master of Engineering Science (M.Eng.Sc.) from University College Dublin

- Speciality in compression of images for multimedia applications.

Certified Solutions Architect Associate from Amazon Web Services

- Solutions architecture, development, machine learning.

PROFESSIONAL EXPERIENCE

Sep. 10 – Nov. 18 Director of Technology Support and Projects at OSN, Dubai

At OSN I was leading the Broadcast Technology department responsible for all equipment and associated workflows for the editing, archival, playout, encoding and multiplexing of OSN's Satellite and OTT services. I managed the Capex and Opex budgets for OSN's broadcast technology and satellite services. OSN transmits over 150 linear channels in HD and SD to 23 territories in the Middle East, Levant and North Africa and maintains a strict KPI of 99.99% availability. I was responsible for the support of all equipment underpinning the delivery of OSN's services, the continuous upgrade of this equipment and the strategic introduction of new technologies to bring OSN into the next generation and earn it the reputation for one of the most technologically advanced facilities in the region.

- Responsible for technology strategy planning, staffing and multi-million dollar annual budget for the broadcast technology department.
- Responsible for the teams supporting and developing Playout, Edit, DVB, RF, BMS, Broadcast IT and Cloud services.
- Responsible for the conception and delivery of all broadcast projects within the OSN platform:
 - Cloud workflows and migration
 - Broadcast IT infrastructure
 - Transcoding and Live Streaming for OTT
 - Continual HD channel expansion and evolution
 - Complete revamp of technical and operational areas
 - Disaster Recovery planning
 - Upgrade and/or replacement of complex systems
 - 4K content delivery planning
- Led the merger of the technical teams from Bahrain and Dubai and the consolidation of playout and media processing facilities in Dubai from Orbit and Showtime.

May 00 – Sep. 10 Engineering Manager, Orbit Communications, Rome and Bahrain

At Orbit I was responsible for new broadcast systems and technologies. Orbit delivered satellite DTH services to multiple Arabic-speaking territories in the Middle East and worldwide. Initially I was the first on the ground from Orbit in Rome and was responsible for setting up the Bahrain facility and the migration of services from Rome. I managed the broadcast Capex budget and was responsible for the delivery of efficient, reliable and cost-effective solutions to allow continuous expansion and improvement of the delivery of Orbit's services. Following the merger between Orbit and Showtime and the departure of our CTO, my role expanded to manage broadcast operations and technology in Bahrain.

- Managing the Systems Engineering and Technical Plant divisions.
- Consolidation of technology and functions following the merger between Orbit and Showtime (later to become OSN)
- Set-up of Bahrain facility from electrical and civil specifications through broadcast installation and commissioning and managed continual expansion during the migration from Rome.

Nov. 98 – May 00 Broadcast Manager, Carlton Digital Channels, London

Carlton Digital Channels was set up to supply 5 channels of content for the newly set-up On Digital terrestrial TV service in the UK. I was responsible for the technical Engineering and Operations department for the playout and scheduling of these channels and had teams spanning engineering, playout operations and post production.

- Responsible for the Engineering, VT and Post Production departments. Set up in 1998 to supply television services to digital terrestrial and cable in the UK and South Africa.

Oct. 94 – Nov. 98 Head of Systems Engineering, Orbit Communications, Rome

- Responsible for a small team of engineers dealing with all systems engineering aspects relating to studios, post production, playout and transmission.

Apr. 93 - Oct. 94 Research Engineer, Cable Management, Ireland

Aug. 87 - Sep. 91 Senior Maintenance Engineer, BBC, London

EDUCATION: (School of Engineering, University College Dublin, Ireland)

1992

□ **Master of Engineering Science (M.Eng.Sc.)**

- Thesis on compression of still images for multimedia applications.
- Obtained a research scholarship to study Digital Signal Processing

1987

□ **Degree (with honours) in Electronic Engineering (B.E.)**

- Subject of final year project: Compression of digital images

MISCELLANEOUS

Other Courses:

- Followed several training courses on cloud technologies
- Several courses and symposiums on broadcast technology
- Participated in various panels and round tables on various aspects of broadcast technology and operations
- Attended various courses from broadcast manufacturers
- Programming in Python, C, Visual BASIC, SQL

Languages:

- English mother tongue, fluent Italian
- Good level of French, very basic Arabic

References available on request.