



Course Prospectus

Introduction to JRE and IP Based Networks

Abstract

The aim of the course is to introduce students to Joint Range Extension (JRE) and how it is applied using Internet Protocol (IP) technologies. Joint Range Extension is used for carrying tactical data over a variety of different networks. IP has become the commercial standard for networks and the defence industry is rapidly migrating to a largely IP infrastructure. This course is of particular value to existing Data Links practitioners as it compares existing Data Links networks to tactical IP Networks.

Intended Audience

Government Engineers, Operators, Procurement Executives, Policy Advisors, Academics & Researchers

Subjects Covered

- History of JRE and the IP Suite.
- Utility and application of the OSI 7 layer model.
- Technical Characteristics of IP Networks.
- IP version 4 versus IP version 6 and the US Mandate.
- Passing TDL data over IP Networks and associated challenges.
- JRE communication methods.
- JRE & IP Network Quality of Service.
- The JRE Standard (MIL-STD-3011).
- IP Network Standards.
- JRE System Testing and Certification.
- Network Management of JRE and IP Networks.
- Future IP Network technologies.
- European Network Procurement Programmes with focus on JRE.

Course Details

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|-----------------------|---|
| Full Title | Introduction to JRE and IP Based Networks |
| Prerequisites | Introduction to TDLs or similar |
| Classification | Unclassified |
| Duration | 1 day |
| Price | On application – variable depending upon status and group size. |

Course Locations

Scheduled courses normally operate from venues in Great Malvern, Worcestershire, UK.

Group courses can be run at other locations (as specified by the client) - prices available on request.

Schedule & Registering to Attend

A schedule of planned courses and a fax/postal booking form is available through our website. Students can also register an interest by emailing their details and course requirements to the email address shown below.

To enquire about group bookings and bespoke courses, please contact us.

Contact Details

| | |
|----------------------------|---------------------|
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About 3SDL

3SDL is an independent company of experienced professionals within the data networks specialisation, providing customer friend support and training to both NATO and non-NATO nations. We build partnerships with government departments and agencies that span the lifecycle of acquisition, providing support services to procurers, users and systems managers.