5ESS® Switch PH4 to PH22 Conversion Service



Minimize the impact of conversions.

Accurate planning and quick conversions help minimize service impact and reduce technical uncertainty and operating risk.

Overview

5ESS® Switch Protocol Handler Version 4 (PH4) to Protocol Handler Version 22 (PH22) Conversion Service provides the expertise you need to quickly and accurately relocate your switch activity. Our comprehensive preconversion planning accurately directs your switch activity for a quick conversion. Speed in deploying your new technology enables you to implement PH22's new revenue generating applications quickly while you also start benefiting from lower operating and asset costs.

Lucent Worldwide Services' experienced engineers provide direction and support for proper planning and mapping before conversion occurs, helping reduce your operating risk and technical uncertainty. With more than 125 years of switch design and experience, we have the resources and conversion skills you need for a quick conversion, minimizing the impact on your service and ability to generate revenue.

Benefits

- Limits the impact on your operations and ability to deliver service and revenues with quick and accurate conversions
- Speeds deployment of new technologies and your ability to realize the benefits from them
- Reduces technical risk with preconversion planning and proper mapping of switch activity
- Supplements and supports your workforce with required skills and practices for conversion
- Helps reduce time, delays and coordination risks of dealing with multiple equipment vendors and service providers

Features

- End-to-end conversion solution for providers of Code Division Multiple Access (CDMA) or Time Division Multiple Access Vocoder in Switch (TDMA VIS) mobile services on the 5ESS® Digital Cellular Switch (DCS) platform
- PH4 to PH22 Conversion Map, developed from detailed preconversion planning, to direct your switch activity
- Bell Labs tools, expertise and award winning innovations
- Experienced engineers with more than 125 years of network design and support
- Supports 5ESS® switches worldwide with experienced, knowledgeable staff

Lucent Technologies
Bell Labs Innovations

Deliverables

• **PH4 to PH22 Conversion Map indicating:**

- Location of PH4 service to be moved and spare circuit pack positions that support them
- Position of PH22 service and spare circuit packs
- Any vacant PSU shelf available for conversion service
- If no vacant PSU shelf is available for conversion, the Map will indicate:
  - None, one or several PSU positions available for initial PH22 growth
  - Any spare PH4 units that will be briefly taken out of service to accommodate the conversion service
- PH4 circuits to be migrated and their destination PH22
- Sequence of circuit pack installations and growths, circuit migration, circuit pack degrowth and removal

• **As indicated by PH4 to PH22 Conversion Map:**

- Installation and growth of PH22 service and spare circuit packs
- Migration of PH4 circuits to PH22 circuits packs
- Degrowth and removal of PH4 circuit packs

Lucent Worldwide Services Advantage

Lucent Worldwide Services has more than 12,000 experienced and highly skilled technical professionals dedicated to developing, deploying, operating and maintaining global networks. Our proven track record of successful networks is powered by Bell Labs innovations and our end-to-end, comprehensive portfolio of professional, deployment and operations and maintenance services. Our unsurpassed suite of solutions can help reduce operating expense, leverage capital expense and grow revenue - helping you make your network more profitable throughout its lifecycle.

To learn more about our comprehensive portfolio of Engineering Services, please contact your Lucent Technologies Sales Representative or visit our web site at www.lucent.com.

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