Mobile Control Point

Mobile Control Point (MCP) is an application based on Rhino, a carrier-grade application server utilized by a large number of mobile operators worldwide to deliver a variety of telecom services to their user base. Rhino enables the development and delivery of these telecom services in an agile fashion, and its extensive array of resource adapters enables Rhino services to interact with a wide set of network elements, while maintaining the high availability requirements of the telecoms network.
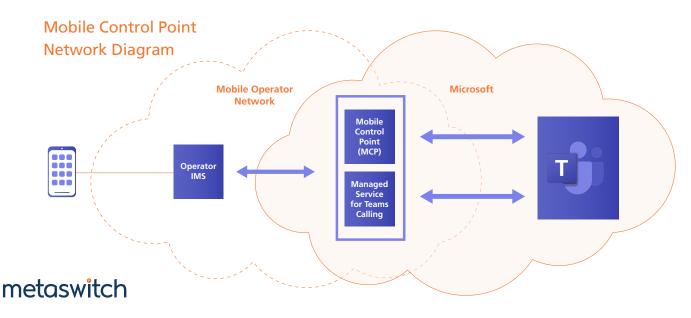
Why MCP

At Metaswitch, we understand all mobile operator networks are different. MCP is designed to help streamline the interworking between the mobile network and Microsoft Teams by minimizing network change and adaptation in a mobile operator's network.

How does MCP work?

MCP connects to the operator's IMS core and determines whether calls should be routed to Microsoft Teams for applying originating and terminating services for calls made from and to Teams users.

Benefits of MCP

- **Service Interaction and Interworking:** As MCP is in the call path, it can be integrated with Microsoft Teams using Operator Connect Mobile to address various service interactions in an operator's network such as roaming detection, emergency call detection, voicemail, online/offline charging or other IR.92 services

- **Minimize Network Change & Adaptation:** With MCP, the operator connects a single application server to their IMS network, ensuring that Teams features are available to the operator and their end users as soon as they are available in the product. MCP will evolve inline with future Teams developments, eliminating the need for added development, testing, integration, and cost to introduce new features.

- **Operational Monitoring and Troubleshooting:** MCP is integrated with Metaswitch Service IQ, which provides end to end visibility of calls to and from the operators network into Microsoft Teams, enabling quicker diagnosis of network issues, increasing customer satisfaction.

Mobile Control Point Network Diagram

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