



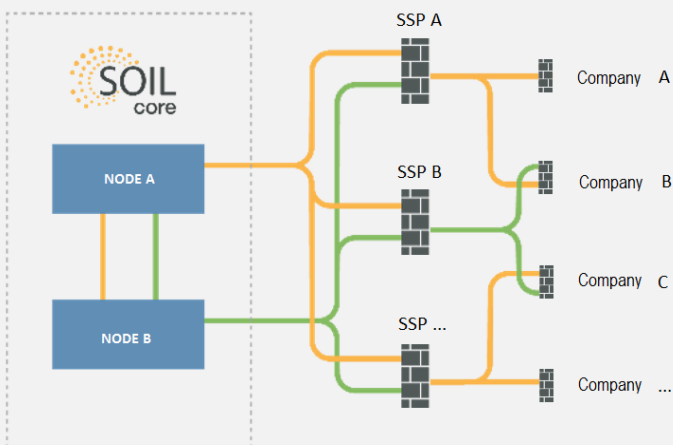
Purpose

SOIL, being a private cloud communication network, provides the oil and gas industry on the NCS with an alternative delivery channel for critical information not desirable to transfer or publish via the Internet from a security and/or stability perspective.

Description

SOIL consists of a redundant SOIL Core, located in Norway, governed by EPIM.

Companies connect to SOIL via one or more EPIM approved SOIL Service Providers (SSPs), where the SSPs have a similar role as the Internet Service Providers (ISPs) on Internet, but with additional security responsibilities, including a mandatory central SOIL firewall service for all their SOIL customers.



EPIM performs regular audits of the SSPs to ensure that the SOIL network meets the required quality and information security level.

Value chain impact

Pre-award ✓ Exploration ✓ Development ✓ Operations ✓ Decomm. ✓

Benefits

- Supports guaranteed capacity, and low latency communication
- Full end-to-end support in the whole communication channel, from company -> SSP -> SOIL Core
- One single line access allowing secure communication with all operators and many suppliers/contractors on NCS
- Reduces the need for separate point-to-point connections between companies
- IP based traffic on SOIL works if internet is unavailable
- Robust against DDoS attacks
- Can serve as one of several security barriers for critical communication needs required to keep the oil and gas production operational

User organizations

More than 150 companies are currently connected to SOIL, including:

- All operators and most licensees on the NCS
- Suppliers and contractors to NCS operators
- Norwegian authorities

Providers

Visit our website www.epim.no/soil for details.

Want to know more?

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