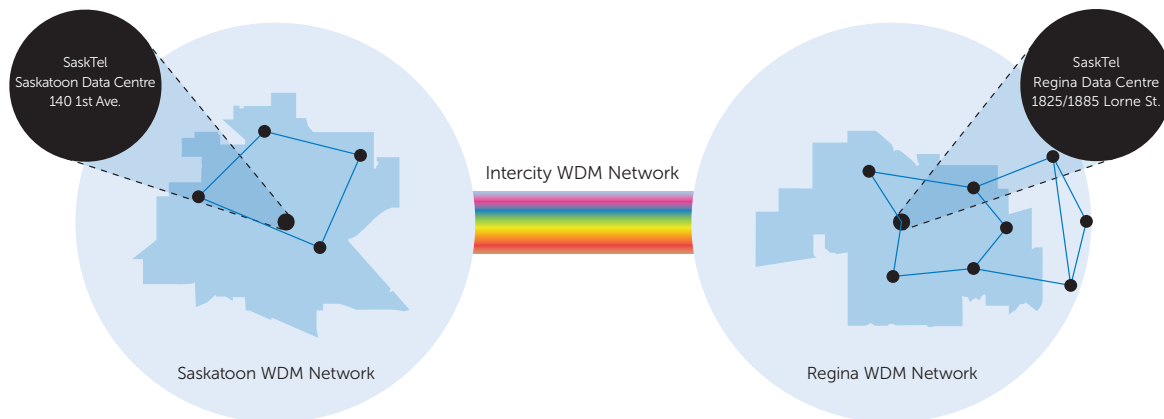


# SASKTEL WAVELENGTH

Your business needs reliable, high quality, low-latency, big bandwidth connections. Using Wavelength Division Multiplexing (WDM) technologies and our world-class fibre network infrastructure, SaskTel Wavelength service provides the bandwidth your network needs, ensuring maximum reliability and uptime for your business.

SaskTel has two metropolitan WDM networks—one in Saskatoon and one in Regina—and an intercity WDM network between the two cities. Our WDM networks are designed to provide multiple fibre paths to deliver full physical diversity for our enterprise customers who need a network between sites that delivers at least 99.999% network availability. Our Data Centre locations are built as part of our WDM network, providing a cost-effective means of creating business continuity and disaster recovery sites between your existing server environment and our Data Centres. The WDM technology separates the individual colours, or lambdas, of optical signals into individual channels or wavelengths. Each wavelength can provide up to 10 Gbps of low-latency, highly reliable, dedicated bandwidth.



SaskTel provides direct access to our network transport backbone through fibre-based wavelength accesses. Each access can deliver up to 8 wavelengths on a single fibre pair, providing almost limitless access to bandwidth.

The capacity of each wavelength offered is 10 Gbps at full-rate or as a channelized option to accommodate multiple sub-10G interfaces (e.g. 1GE).

**Within a full-rate 10G wavelength, the following client interfaces are supported:**

- 10GE WAN PHY
- 10GE LAN PHY
- 8G Fibre channel
- 10G Fibre channel (limited)

**Within a channelized 10G wavelength, the following client interfaces are supported:**

- 1GE
- FC100
- FC200
- FC400

## SERVICE OPTIONS

### Protected or Unprotected

- Protected – Built with a pair of mirrored point-to-point connections deployed in a fully diverse fashion: diverse accesses, running into diverse building entries and conduits, deployed from diverse SaskTel wire centres, running diverse fibre paths on completely diverse equipment. This provides a very high degree of resiliency for mission-critical connections.
- Unprotected – Built with a single building entry and conduit on a single network path without redundant equipment.

### Chassis options

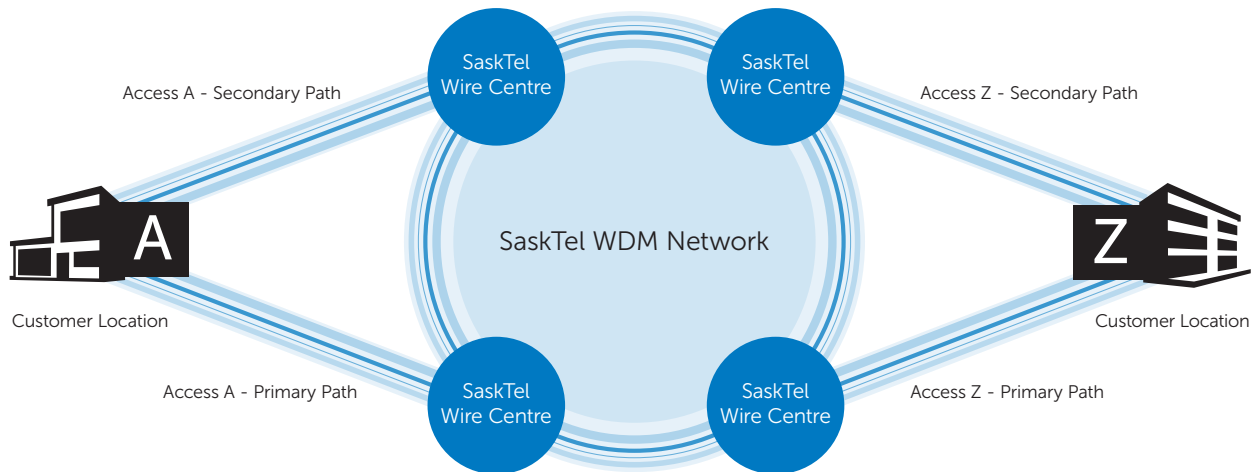
- Shared – Cost-effective bandwidth option that is offered by deploying wavelength services at sites where a shared WDM chassis already exists, such as at SaskTel's data centres.
- Private – Private chassis options are offered for locations that aren't pre-equipped or where our customers specify the need for their wavelength services to run on equipment earmarked for them and them alone.
- Additional chassis are available should your business outgrow your initial configuration.

# SASKTEL WAVELENGTH

## NETWORK OPERATIONS

Wavelength service is a monitored and fully managed service with 24/7/365 priority network support from the SaskTel Network Operations team. We proactively monitor your Wavelength service and promptly investigate and notify you if a service-impacting alarm has been detected.

In addition, SaskTel offers proactive change management notifications to ensure that you are aware of any planned network enhancements that could potentially have an impact on your Wavelength connections.



## SERVICE LEVEL AGREEMENT (SLA)

The protected SaskTel Wavelength service is sold with a SLA that is among the best in the industry. With guaranteed uptime, as well as a guaranteed response and service restoration time frame, your business is up and running when it needs to be.

The monthly reoccurring charge is dependent on the terms of the agreement, either 3 or 5 years. A one-time service connection charge is applicable. A one-time construction cost applies based on location, dependent on availability of fibre facilities and the construction costs to extend fibre across to the location. Costs are quoted on a case-by-case basis.

Let's start a conversation.

[sasktel.com/wavelength](http://sasktel.com/wavelength) | SaskTel Representative | 1-844-SASKTEL

**SaskTel**   
| Business Solutions |