

# Annexure E

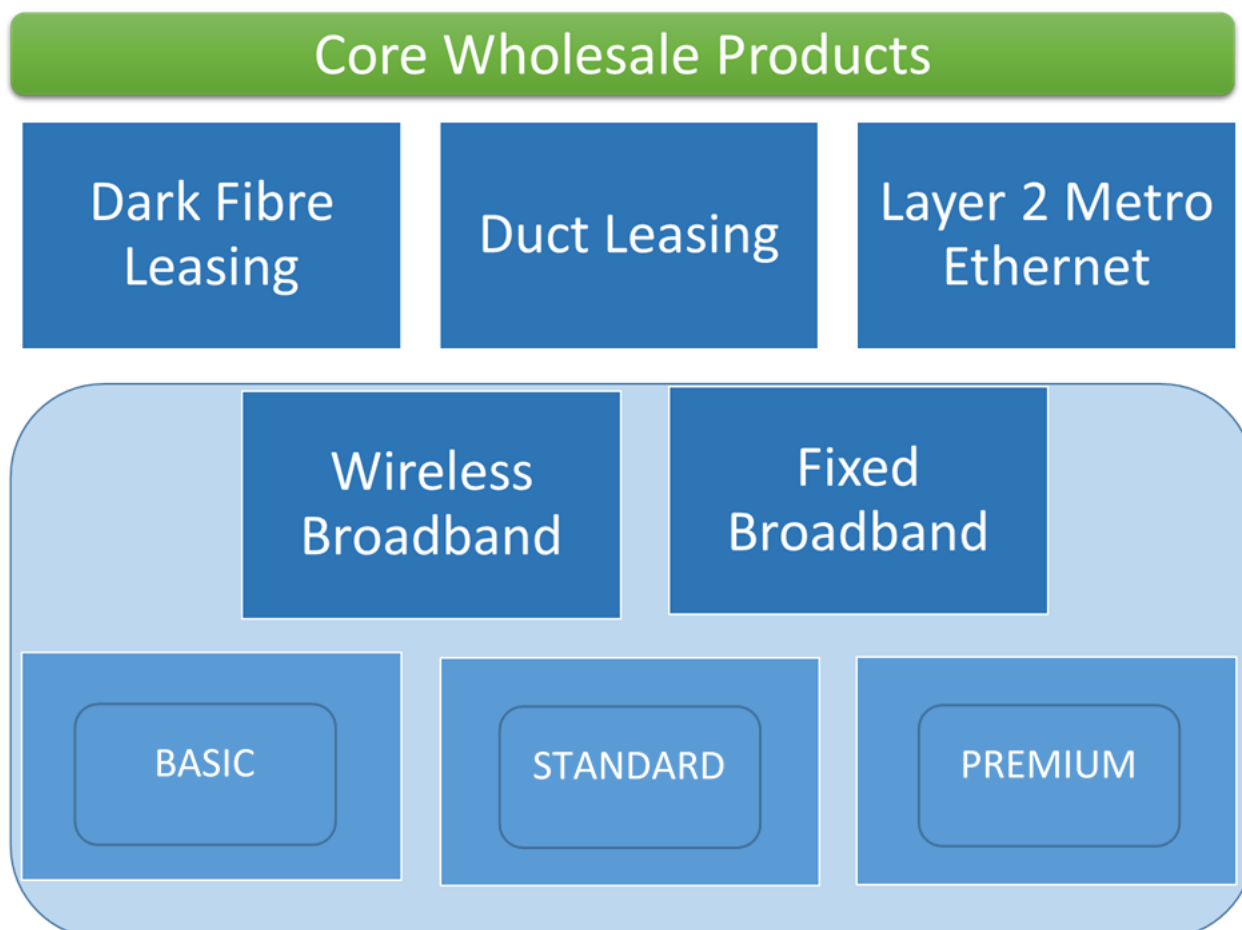
## Broadband Network Products

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## 1 Broadband Network Products

### 1.1 Wholesale Products



## 1.2 Retail Products

MANAGEMENT & MONITORING	TELEPHONY MANAGEMENT & REPORTING		NETWORK & APPLICATION MONITORING			CCTV MONITORING			MANAGED SERVICES	CLOUD SOLUTIONS		
MOBILITY SOLUTIONS	MOBILE DEVICE MANAGEMENT		MOBILE CONTENT MANAGEMENT		MOBILE EXPENSE MANAGEMENT		MOBILE APPLICATION MANAGEMENT					
MESSAGING & COLLABORATION	EMAIL	FAX	VOICE CONFERENCING	SMS	VIDEO CONFERENCING	COLLABORATION						
SECURITY SOLUTIONS	DESKTOP SECURITY		NETWORK SECURITY		ACCESS CONTROL		INFORMATION & EVENT MANAGEMENT				RISK & COMPLIANCE ASSESSMENT	
INFRASTRUCTURE SERVICES	HOSTING	VIRTUALISATION		APPLICATION DELIVERY		STORAGE	ARCHIVING	BACKUP				
VOICE SOLUTIONS	PBX			IP CENTREX			MANAGED VOICE SOLUTIONS					
ACCESS & CONNECTIVITY	DSL	DIGINET	FIBRE	WIRELESS	SATELLITE	WI-FI	MOBILE DATA & APN	MPLS			INTERNET CONNECTIVITY	

## 1.3 Internal Customers

<b>Agriculture and Environment Management</b>	<b>Financial Services</b>	<b>Health and Social Development</b>
<ul style="list-style-type: none"> <li>Cemeteries</li> <li>Environmental Management</li> <li>Nature Conservations</li> <li>Parks and Horticulture</li> <li>Tshwane Market</li> <li>Waste Removal</li> <li>Urban Forestry Nurseries and Training</li> </ul>	<ul style="list-style-type: none"> <li>Financial documents</li> <li>Revenue Management</li> <li>Tshwane Budget</li> <li>Supply Chain management</li> <li>CoT Budget and Performance Reports</li> </ul>	<ul style="list-style-type: none"> <li>Integrated Community Development Division (ICD)</li> <li>Health Services</li> <li>The Multisectoral Aids Management unit</li> <li>Emergency and Ambulance Services</li> </ul>
<b>Housing and Human Settlement</b>	<b>Communications, Marketing and Events</b>	<b>Corporate and Shared Services</b>
<ul style="list-style-type: none"> <li>Gauteng Housing and Rental Tribunal</li> <li>Housing Waiting List</li> <li>National Home Builders Regulatory Council (NHBRC)</li> </ul>	<ul style="list-style-type: none"> <li>Communication</li> <li>Marketing</li> <li>Events</li> </ul>	<ul style="list-style-type: none"> <li>Customer Relations Management</li> <li>Municipal Courts</li> </ul>
<b>Metro Police</b>	<b>Sports, Recreation, Arts And Culture</b>	<b>City Planning and Development</b>
<ul style="list-style-type: none"> <li>Police Academy</li> </ul>	<ul style="list-style-type: none"> <li>Arts Culture and Heritage</li> <li>Sports</li> </ul>	<ul style="list-style-type: none"> <li>Toponymy</li> <li>Division of City Planning and Development</li> </ul>
<b>Transport and Roads</b>	<b>Service Infrastructure</b>	<b>Economic Development</b>
<ul style="list-style-type: none"> <li>Transport</li> <li>Roads and Storm water</li> </ul>	<ul style="list-style-type: none"> <li>Electricity</li> <li>Water and Sanitation</li> </ul>	<ul style="list-style-type: none"> <li>Emergency Services</li> <li>Disaster Management</li> <li>Fire Brigade</li> </ul>
		<b>Information &amp; Communication Technology and Management</b>
		<ul style="list-style-type: none"> <li>Responsible for Wifi</li> </ul>

### Potential Products

## 2 Value Add Products and Services

Both the data and voice network is engineered to interoperate with any other vendor, with the main driver to migrate legacy traffic and interface with other networks and facilitate unified communications through the CoT network as core foundation. The necessary security and private network rules will be maintained

An IMS (IP Multi-Media Subsystem) network will be installed to support voice services. The system will be dimensioned for a max number of subscribers of 24,000.

The IMS system is capable of integrating all the voice services across the different departments and buildings on the broadband network.

Network can support the following service and products.

- Voice Conference
- Video Conference
- Data Conference
- Web Conference
- Instant Messaging
- Enterprise Address Book
- Email
- Fax
- Web browsing
- Intranet
- File transfer
- Back up servers
- Network printing
- IP phones

Note: The supply of customer premises equipment for above is not catered for and hence not quoted.