Company Background

ECN, a subsidiary of Reunert Limited, was founded in January 2005 with the specific aim of exploiting the impending liberalisation of the South African telecommunications market. The Reunert group manages a diversified portfolio of businesses in the fields of electrical engineering, information and communication technologies and defence and allied technologies. Established in 1888 and first listed on the JSE (RLO) in 1948, Reunert Limited is a leading South African company. ECN is headquartered in Johannesburg and has developed an electronic communications network with points of presence (POP’s) in Johannesburg, Pretoria, Durban, Cape Town, Bloemfontein and Port Elizabeth. Against a backdrop of increasing deregulation, ECN has been very successful in acquiring a large base of corporate and wholesale customers. ECN is a major player in the delivery of affordable and accessible converged voice and data solutions that are at the forefront of the next generation network. For more information visit www.ecn.co.za.

Highlights

- Fastest growing and leading alternate network in SA, with a critical mass of large corporate customers and fixed line voice minutes.
- Compelling customer value proposition that provides unparalleled value in respect of price, quality and service.
- Extensive converged voice and data skills in the areas of billing, switching, VPN’s and managed services.

The ECN Brand

Our brand values of Vision, Trust, Service and Choice depict why our customers choose ECN.

WHY USE ECN?

- Market Leader
- Broad set of affordable offerings
- Single service provider of choice
- Significant cost savings on voice
- Carrier grade voice quality
- National footprint
- Simple installations
- Service at the highest level
Voice Services

- **Exchange Lines**
  ECN provides fixed-line and wireless last mile access between a customer’s premises and ECN’s network. Exchange lines are dedicated connections between locations and our network, which includes Fibre, Diginet, SAIX, ADSL, LTE and licensed wireless microwave circuits.

- **Voice Termination**
  ECN offers local, national, fixed-to-mobile and international voice termination at cost effective tariffs that vary depending on the destination, distance, length, day and time of the call.

- **PBX and Phones**
  ECN offers both on-premise and virtual PBX solutions with a variety of compatible handset and softphone options. Handset options include both desk phones and cordless DECT phones. Softphone options include both PC based and mobile device applications.

- **Geographic Number Porting**
  ECN offers clients the ability to port their numbers to the ECN network, enabling them to consolidate services, decommission infrastructure to reduce costs, and use ECN as their sole telecommunications provider.

- **Value Added Services**
  ECN offers a broad range of voice-based value-added services including SIP accounts, teleconferencing services, smart 0860 call routing, a call back service, call recording services, fax-2-email and email-2-fax.

Data Services

- **Leased Lines**
  ECN provides both fixed and wireless national leased lines in speeds ranging from 64 kbps up to 155 Mbps. Leased lines are fixed connections between locations, which are secure and uncontended. Leased lines are our principal data transmission service and include Fibre, Diginet, ADSL and licensed wireless microwave circuit options.

- **Internet Access**
  ECN provides local and international Internet access and bandwidth through its centrally located Internet exchange service peering with all major data providers. Our Internet access and bandwidth services are available via Fibre, Diginet, DSL and licensed wireless microwave circuit options.
COMPANY PROFILE

Cloud Services

- **Virtual PBX**
  ECN offers a feature-rich Virtual PBX in conjunction with its voice solutions, using a variety of fixed-line and wireless last mile access options. The Virtual PBX is compatible with a broad range of IP handsets and softphones.

- **Hosted Call Recording**
  ECN offers a POPI compliant hosted call recording service, which allows calls to be recorded, encrypted and archived in the cloud. Recorded calls can be accessed and managed via a secure portal using a web browser on a PC, laptop or mobile device. Calls may be reviewed online, downloaded or deleted.

- **Video Conferencing as a Service**
  ECN offers a business grade Video Conferencing platform which is hosted in the cloud. Users can dial into the service using VC room infrastructure, a web browser on a PC or laptop, or alternatively, via an application on a mobile device.

NETWORK AND SYSTEMS

Overview

ECN operates a converged next generation network over a number of mediums including copper, fibre and microwave. ECN has opted not to build its own network, but rather to lease network capacity from the incumbent operators. ECN’s focus is on providing leading-edge services via its IP-based NGN. The objective being to provide our customers with a next-generation “one network many services approach” as opposed to a legacy TDM “one network one service” design.
Switching Network

ECN has bilateral interconnect agreements in place with Telkom, Vodacom, MTN and Cell C. in order to terminate all call types and route all inbound calls.

Core/Access Network

ECN’s core national network comprises of fibre that is entirely leased from multiple providers, typically on five year contracts. ECN foresees a sharp increase in the availability of dark fibre in South Africa and believes that new technologies such as DWDM will significantly increase capacity leading to a decline in prices over the next few years.