

Open Transport Network (OTN) Reference List



FEATURES

More than 200 large networks around the world!

The first OTN installed in 1989 and yet still operational.

Almost in each country an OTN installation.

OTN, the one-step fiber optic multiplexer for metros, mining, motorways, airports, pipelines, electricity, industry, railways, defense, city networks, campus...



References Africa

ALGERIA

Sonatrach

- Gazoduc Maghreb Europe Pipeline - Algerian Section
- Six Pipes
- FO Arzew - Hassi R'Mel Pipeline
- GK1/GK2 Pipeline
- GR1/GR2 Pipeline
- Ourhoud

Taksebt Water Pipeline
Métro d'Alger

BOTSWANA

Debswana - Orapa Mine (diamant mine)

CAMEROON

Pipeline project to Chad

CHAD

Pipeline project to Cameroon

EGYPT

CRCC (Cairo Regional Control Center) Electricity Company

GHANA

Ghana Civil aviation authority Kotoka Airport
Ghana Parliament

IVORY COAST

City Network Abidjan

LIBYA

Sirte Oil

- Brega- Zuetina
- Zuetina-Benghazi
- Brega City Network

GMMR project

GPTC project

Abdullah Telecom center

MOROCCO

OCP - Office Chérifien des

Phosphates (mining company)

MOZAMBIQUE

MOMA Mozambique

SOUTH AFRICA

South African Airforce Network
Nijlstrom Tol Plaza Project
Mtunzini Tol Plaza Project
Johannesburg Airport
International Airport Cape Town & Durban

Avgold Gold Mines - Target Exploration

Harmony Gold Mines:

- Elandsrand
 - Bambanani Gold Mine
- Anglogold Gold Mines:
- Great Noligwa Mine
 - Vaal Reefs No. 9 Shaft
 - Kopanang Mine
 - Tau Lekoa Mine
 - Moab Khotsong Mine
 - Mponeng Mine
 - Tau Tona Mine

Placer Dome Western Area Joint Venture :

- South Shaft
- South Deep

Impala Platinum Mine

Lonmin Platinum Mine - Rowland Shaft

Anglo Platinum Mine

- BMR
- Clipfontain
- New Entrance
- Amandelbult
- Frank
- Waterval South-Africa
- Twickenham South-Africa

Palabora Mine

Middelburg Mine (BHP)

Arnot Coal Mine: #8 + #10 shaft

Optimum Collieries Mine (BHP)

Comtec Goldfields

Goldfield Mining Group: East

Driefontein
Anglocoal:
• Isibonela Coliery
• Mafube Mine
Gautrain WM2000

TANZANIA

Bank of Tanzania
Modaus Tanzania

ZAMBIA

Lumwana Mine

References America

ARGENTINA

Ferrovias Metro
Trenes de Buenos Aires (TBA)
Metrovias

BRASIL

AutoBAN Motorway
Fortalesa Light Rail
Belo Horizonte
NovaDutra

CANADA

Vancouver Sky Train, BC + extension
Greater Vancouver Transportation
Calgary City Rail 1st Phase
Calgary City Rail extension
BC Rapid Transit
University of Toronto
City of Toronto
City of Toronto - RESCU Network -
Don Valley Parkway
City of Mississauga
MTO QEW-Burlington
IMC Potash Mine
MTO Ontario Ministry of
Transportation
Durham College
Enmax Energy Corp
Goldcorp
Fortran

CHILI

Los Pelambres Mine (Rio Tinto)
Metro Santiago de Chile
• Line 1
• Line 2 and 5
• Line 4
Codelco Andina Copper Mine

FRENCH GUYANA

Cayenne Airport (Kourou)

MEXICO

Metro of Guadalajara (L2)
Metro of Monterrey
Luz y Fuerza Electricity Company
Mexico City
Madero PEMEX Refinery
Minatitlán Refinery
CFE White Elephant Building

USA

Belgian Embassy, Washington, D.C.
Houston International Airport, TX
(Express Link)
US Military - Fort Meade, Maryland
San Francisco International Airport -
People Mover System
NM State University
San Fernando Valley Bus Rapid
Transit
Whittier Tunnel (Alaska)
City of San Diego (Highway),
California + extension 5
ADA County Highway District, Idaho
+ extension
City of Jackson, Mississippi
City of Anaheim California -
(Lenain Water Treatment Plant)
City of Mesa
Solvay Mine, Wyoming
SEPTA, PA
• R3 West Trenton Line (Railway in
Pennsylvania)
• Centralized Train Control (CTC)
system
• Underground Police Radio
System
• Wayne to Glenside Rail
• Framecontract 1, 2 + 3
• Carmel to Dale project
Hurricane City Power, WY
Dept. of Energy Las Vegas
Wisconsin Highway
Amtrak Tunnel Project
• North River Tunnel
• Empire Tunnel
• Back up Yard Hellgate
• Harrisburg Line
• New England Line
• East River tunnels
Schwan Food Co. - Tony's Pizza
Las Vegas Monorail
Alyeska Pipeline
LRT Passadena
Hiawatha LRT, Minneapolis
El Paso DOT
Texas DOT
Pennsylvania DOT
Mississippi DOT
Middlebury College
Baltimore LRT
New Jersey Highway Authority
- Garden State Parkway
Bechtel (Nevada)
USFA Us Airforce Academy
Treasure Island Bridge
Sprinter: LRT Escondido-Oceanside
in San Diego area
Rock Island
George Washington Bridge
Transocean
Appleton Bridge
Howard University
MGM Las Vegas People Mover

VENEZUELA

Maracaibo LRT

References Asia

BRUNEI

Navy Brunei: naval ship
communication

CHINA

GMC (Guangzhou Metro
Corporation)
• Line 1
• Line 2
• Line 4
Gao-Qiao Petrochemical
Corporation
Shanghai Metro L2
Shanghai Metro Line 2 west ext.
Shanghai Line Public Security CCTV
Volkswagen (Shanghai)
Nanjing Power Bureau
Jingshen Highway (Beijing)
Luo Yang Petrochemical (Luo Yang)
Jingshi Highway (Beijing)
Wenzhou Water Pipeline
Shanghai Transrapid
Lanzhou iTS Transmission project
Dongshen Water Pipeline, Guang
Dong Province
Tian Jin LRT, Beijing
ITSC Beijing
ChangAn University XiAn
Shenzhen Metro L1
Shenzhen Metro L4
ChongQing LRT L2
Nanjing Metro L1
Petrochemical China
Yang Shan Harbour - Shanghai
Beijing Metro L 5
Beijing Metro L 10
Beijing Dyke
Huizhou Power
Luoyang Petrochemical

HONG KONG

KCRC LRT L1, L2, L3, L4 (Kowloon
Canton Railway Corporation)
Aberdeen Tunnel

INDIA

National Highway Authorities India

MALAYSIA

GPP 5 / GPP6 Pipeline
KLIA (Airport) (Express Rail Link)
(ERL)
Navy Malaysia: naval ship
communication
Monorail Kuala Lumpur

MYANMAR

Yadana Pipeline (TOTAL)
Yadana Border Pipeline Network
(TOTAL)

PAKISTAN

Pakistan Airforce

SINGAPORE

Changi Airport People Mover

SOUTH KOREA

British-American Tobacco Korea (BATK)
Inchon Rail Depot
Kang Nam Land Ski Resort
Green Cross Ochang Factory

THAILAND

BTS Bangkok
East Water Pipeline Project
East Water Pipeline Project 2
Don Muang Highway
MRTA Bangkok
Amerada Hess Pu Hom Pipeline

VIETNAM

Gas pipeline Namconson
Su Tu Vang off shore
Phu My Gas

References Europe

AUSTRIA

Ampelsteuerung in Graz
Stadt Wien: Erweiterung und Modernisierung des zentralen Verkehrsbeobachtungssystems

BELGIUM

B-Telecom (Belgian National Railways)

- Marshalling Yard Antwerp North
- High Speed Train (TGV) Station Brussels South
- High Speed Train (TGV) station Antwerp
- Passenger Information System Antwerp-Berchem
- Antwerp Commercial Harbour Network
- Upgrade TGV Station Brussels South
- Upgrade Marshalling Yard Antwerp North
- Passenger Information System Mechelen
- Hessenatie Antwerpen North
- North-south connection HSL Antwerp
- P&O Antwerp

Ministry of Foreign Affairs
Ministry of Finance
Neste Chemicals
Fina Refineries
SCANA Noliko
Belgoproces (Nuclear Research Facility)
Netmanagement Wallonie (formerly Electrabel EDWAL)
WVEM (West Vlaamse Electriciteits Maatschappij)
Idea
Fortis Bank
Belgocontrol
Hoge Raad Diamand Antwerpen
Tramway Gent (De Lijn)

FINLAND

Finnish Army
Kampin Keskus shopping mall
Finnish Navy

FRANCE

City Network of Strasbourg (Citévision)
Tramway de Montpellier, Ligne 1, 2
Tramway de Lyon, Ligne 1, 2, 3
Toulouse B
Métro Lille Ligne 2

GERMANY

NATO - AWHQ Project
Essener Verkehrs AG (EVAG)

- Data Network
- LAN Network
- Video Network

MAGLEV SPM Network
Lab for new Maglev track
Hamburger Hafenbahn (harbour railway)
Vattenfall Europe Mining AG (formerly Laubag Lausitzer Braunkohle):

- Welzow:
 - Förderbrücke
 - Schaufelrad Bagger
 - Zentral
 - Coal Belt Conveyor
- Nochten:
 - Kohlebandanlage
 - Nochten F60
 - Reichwalde
- Jänschwalde:
 - Förderbrücke
 - Landanbindung
 - Video Extension

Mider Mitteldeutsche Erdöl Raffinerie
MIBRAG (Mitteldeutsche Braunkohlen A.G.):

- Schleenhain

RBAG (Ruhrkohle Bergbau A.G.):

- Schachanlage Friedrich Heinrich (mine shaft in Kamp Lintford)

Deutsche Steinkohle A.G.:

- Schachanlage Westerholt in Gelsenkirchen
- Schachanlage Prosper-Haniel

Kali & Salz GmbH (Salt Mine)
RWE Rheinbraun Braunkohle AG:

- Niederausum
- Hambach
- Garzweiler

RWE Power
Oberhausen Mühlheim
Stadtbahn Saarbrücken
SIPEM People Mover System
Dusseldorf Airport
Bonn-Cologne Airport
München Airport
Rostock S-Bahn (LRT)
Stadtbahn Bonn
Rheinbahn Dusseldorf
Bayern Öl Raffineries (BP/AGIP/ARAL)

Dürener Kreisbahn
Duisburg Verkehrs Gesellschaft AG
Kölner Verkehrs Betriebe (KVB)
Polizei Frankfurt am Main
Polizei Leipzig
Stadtbahn Frankfurt am Main
BSL pipeline Stade - Dow Chemicals
RMR Pipeline (Rhein-Main-Rohrleitungs-Gesellschaft)
AMB Generalii in Aachen
Bundeswehr Trier
Feuerwache Hagen
Citybahn Chemnitz
Feuerwehr Bonn
Feuerwehr Wuppertal
Potsdam
KfW Kreditanstalt für Wiederaufbau
IVG (Immobilien Verwertungs Gesellschaft)
Kalmar Cranes Hamburg
Wingas pipelines (Wingas/Wintershall)
ETZEL/EON Ruhrgas

GREECE

Attiko Metro
Greek Electricity Company Project (PPC)

HUNGARY

M5 Motorway Toll Project (Budapest)
BKV Gödöllő Hév
Budapest Light train

IRELAND

University of Limerick
Buncrana co., Production Facility
Donagal
Dublin Metro LUAS

ITALY

Ferrovie Alifana Metro
Tangenziale Di Mestre Motorway
Ferrovie Nord Milano + Part II
Metro Genua
Metro Napoli
Autostrade Padova e Venezia SpA

LATVIA

Bank of Latvia

NORWAY

Statens Vegvesen: Oslo Tunnel & Traffic Control Center

PORTUGAL

Metro Lissabon

SPAIN

Barajas Airport gate-guides
Harbour of Palma de Mallorca
Tramway Alicante

SWEDEN

Skärholmen centrum shopping mall
Stockholm

SWITZERLAND

Suhretal/Wynenthalbahn
Rhätische Bahn

THE NETHERLANDS

Essent Cablecom
Network of City Council Ridderkerk
Schiphol Airport
Luchtverkeersleiding Schiphol
GVB Amsterdam

- West Line
- East Line
- Mobile 2000
- Amstelveenlijn

Rendo - Regionaal Nutsbedrijf
(regional utility company)
MEGA Limburg Hospitals
Rijkswaterstaat Terneuzen sluizen
(Dept. of Public Works and Water
Management)
Rijkswaterstaat Krammersluizen
Rijkswaterstraat Haringvliet
Nederlands Aardolie Maatschappij
(Groningen)
Rijkswaterstaat pilot
City Network Enschede
City Network Eindhoven
RET (Rotterdamse Elektrische Tram;
Rotterdam Tramway)
RET Benelux-lijn
RET Tourniquet
Westerschelde Tunnel
Hogesnelheidslijn-Zuid verbinding
NATO
Schiphol Tunnel
Haven Rotterdam NDD Harbour
Project part 1
Randstadrail

TURKEY

Light Rail of Ankara
Bursa LRT

UNITED KINGDOM

Manchester Metrolink (GEC
Alstom)
Glasgow Underground:

- Strathclyde Metro
- Erskine Bridge

Cleveland County Council
Communications HQ England
Lansing Production Facility
Citrac Motorway Project
Heathrow Express Rail Link
Heathrow-Paddington Link
Serco Docklands Lightrail London:

- Lewisham
- DLR Beckton Depot

Docklands Main Line
Communication system (London)
Nexus:

- Newcastle Metro
- Sunderland

M77 Highway

References Middle East

IRAN

South Pars 4&5

JORDAN

Al-Samra Waste Water Pipeline
Project

KINGDOM OF SAUDI ARABIA

SWCC :

- Al Jubail Riyadh Line C
(RWC - Riyadh Water Pipeline C)
- Al Jubail Riyadh Line A + B (RWC
- Riyadh Water Pipeline A + B)
- Qassim City Feeders
- Al Hunayy pipeline
- Azizia EPWTS
- Hofuf HWTS Aramco:
- Khuff Gas Frame contract
- DRS Disaster Recovery Project
- Qatif: Gas Field development
- Abqaiq-Shaybah Oil Pipeline
- Shedgum phase 1 + 2
- Haradh Gasp III
- Hawiyah-Haradh pipeline
- AY Gas Plant East-West Pipeline
- Uhtmaniyah
- North Safanyah Artificial Lift /
offshore
- Video Surveillance for Security
- M/W replacement Project
- Ras Tanura Sea Islands
- Khursaniyah MP (Wells)
- JGP to Jubail Ethane Pipeline
- SGP-JGP Pipeline
- Rabigh Development project
Ethane Butane
- Shaiybah /Scheiba

LIBANON

Libanon Beirut centralsolidere

KUWAIT

Kuwaiti Fence Project
Joint Operations Wafra KNPC
NOPP New Oil Pier Project (KNPC)

OMAN

Harweel Phase II (PDO)
Mabrouq Project (PDO)

PAKISTAN

Hub River Fuel Oil Pipeline
Pakistan Airforce

QATAR

Qatargas LNG II On Shore
Qatargas LNG II Off-Shore
Qatargas 3 Off-Shore
Qatargas 3 On Shore
Rasgas LNG On Shore
Rasgas LNG Off-Shore
RasGas Trains 6&7
Qatar Petroleum

Anadarko Qatar Energy
Dolphin On Shore/ Off-shore
Laffan Refinery

UNITED ARAB EMIRATES

ADWEA:

- Taweelah Water Pipeline
- Shuweihat Water Pipeline

ASAB 2 Oil Field (ADCO)
Fujairah Water Pipeline (Transco)
Parking Structures (Abu Dhabi
Municipality)
Al-Zour Gas Turbine Plant
ASTRACO DN1000
EGDS Eastern Gas Distribution
System (Dolphin Energy)

YEMEN

LNG pipeline

References

Commonwealth of Independent States (CIS)

ALBANIA

Albanian Power Substations

ARMENIA

Kaukasus Railways

AZERBAIJAN

Kaukasus Railways

GEORGIA

Kaukasus Railways

KAZAKHSTAN

Atyrau-Kenkiyah crude oil pipeline
Airport Almaty
Amangeldy-Taraz Gas Pipeline
Soyuz Pipeline
Kaspian Gaz

KOSOVO

UNMIK Railways

POLAND

Energetyka Kaliska
ENION S.A. Electricity

RUSSIA

CPC (Caspian Pipeline Consortium)
Crude Oil Pipeline System
Sakhalin Pipeline

AUSTRALIA

Kwinana Bus Transit

NEW ZEALAND

Vector Networks
Counties Power
Maari Offshore