

Communications Technology, San Jose, Costa Rica

A division of Data Exchange Inc. S.A. Cedula: 3-101-31368

Office: 506-228-5810, Fax: 506-288-3487 Email: info@ctisacr.com

GSM Frequency Brazil 1

Operating Companies - Brazil

14 Brasil Telecom Celular S.A
Operator Name:14 Brasil Telecom Celular S.A
Network Name: Brasil Telecom Celular
Technology: GSM 1800
Network Status: Live January 2004
Web Site: www.brasiltelecom.com.br

Albra Telecomunicacoes Ltda (Claro)
Operator Name:Albra Telecomunicacoes Ltda
Network Name:Claro
Technology:GSM 1800
Network Status:Live October 2003
[Web Site:www.claro.com.br](http://www.claro.com.br)

Coverage Map



Coverage Map



Amazonia Celular S/A
Operator Name:Amazonia Celular S/A
Network Name:Amazonia Celular S/A
Technology:GSM 900/1800
Network Status:Live November 2004
Web Site:www.amazoniacelular.com.br

Americel S.A. (Claro)
Operator Name:Americel S.A.
Network Name:Claro
Technology:GSM 1800
Network Status:Live October 2003
Web Site:www.claro.com.br

Coverage Map



Coverage Map



Communications Technology, San Jose, Costa Rica
 A division of Data Exchange Inc. S.A. Cedula: 3-101-31368
 Office: 506-228-5810, Fax: 506-288-3487 Email: info@ctisacr.com
GSM Frequency Brazil 2

Operating Companies - Brazil

ATL - Algar Telecom Leste S.A. (Claro - ATL)
 Operator Name:ATL - Algar Telecom Leste S.A.
 Network Name:Claro - ATL
Technology:GSM 1800
 Network Status:Live October 2003
 Web Site:www.claro.com.br

BCP SA (Claro)
 Operator Name:BCP SA
 Network Name:Claro
Technology:GSM 1800
 Network Status:Live October 2003
 Web Site:www.claro.com.br

Coverage Map



Coverage Map



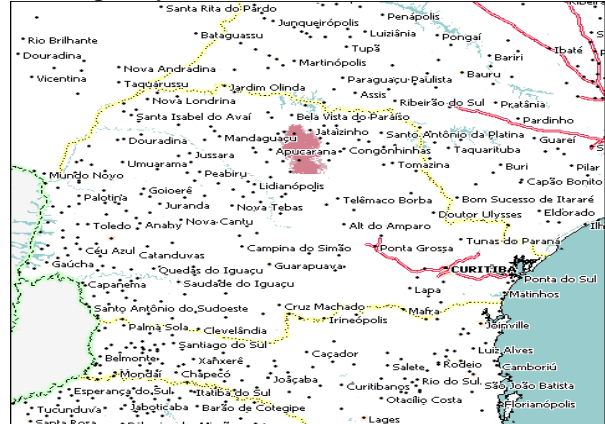
BSE SA (Claro)
 Operator Name:BSE SA
 Network Name:Claro
Technology:GSM 1800
 Network Status:Live July 2003
 Web Site:www.bcp.com.br

Sercomtel Celular S/A
 Operator Name:Sercomtel Celular S/A
 Network Name:SERCOMTEL
Technology:GSM 900/1800
 Network Status:Live December 2003
 Web Site:www.sercomtelcelular.com.br

Coverage Map



Coverage Map



Communications Technology, San Jose, Costa Rica

A division of Data Exchange Inc. S.A. Cedula: 3-101-31368

Office: 506-228-5810, Fax: 506-288-3487 Email: info@ctisacr.com

GSM Frequency Brazil 3

Operating Companies - Brazil

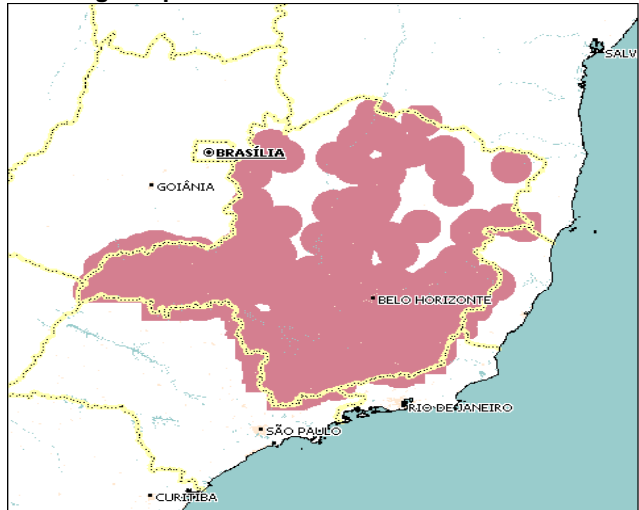
Stemar Telecomunicacoes Ltda (Claro)
Operator Name:Stemar Telecomunicacoes Ltda
Network Name:Claro
Technology:GSM 1800
Network Status:Live October 2003
Web Site:www.claro.com.br

Telemig Celular S/A
Operator Name:Telemig Celular S/A
Network Name:Telemig Celular S/A
Technology:GSM 900/1800
Network Status:Live November 2004
Web Site:www.telemigcelular.com.br

Coverage Map



Coverage Map



Telet S.A. (Claro)
Operator Name:Telet S.A.
Network Name:Claro
Technology:GSM 1800
Network Status:Live October 2003
Web Site:www.claro.com.br

Tess S.A. (Claro)
Operator Name:Tess S.A.
Network Name:Claro
Technology:GSM 1800
Network Status:Live October 2003
Web Site:www.claro.com.br

Coverage Map



Coverage Map



Communications Technology, San Jose, Costa Rica

A division of Data Exchange Inc. S.A. Cedula: 3-101-31368

Office: 506-228-5810, Fax: 506-288-3487 Email: info@ctisacr.com

GSM Frequency Brazil 4

Operating Companies - Brazil

TIM Celular S.A. (TIM BRASIL)

Operator Name:TIM Celular S.A.

Network Name:TIM BRASIL

Technology:GSM 1800

Network Status:Live October 2002

Web Site:www.tim.com.br

TNL PCS S.A.

Operator Name:TNL PCS S.A.

Network Name:TNL PCS S.A.

Technology:GSM 1800

Network Status:Live June 2002

Web Site:www.oi.com.br

Coverage Map

Coverage Map

