

In order to sustain our comfortable lives at home, at office, in utilities, the environments of computer and sensor network are being established rapidly. In a few coming years this tendency will be accelerated and more and more collaboration of sensor and computer network will proliferate broadly.

Conventional communication technologies based on radio wave will obviously lack resources of available RF band in near future and the increase of application will raise serious interference problems. Another issue wireless power supply to sensors.

CellCross's "Two dimensional transmission" (@cell) technology allows us to solve RF resource issues as ecological means and to link enormous number of computers and sensors each other and also to solve wireless power supply issues.

Cellcross co.,Ltd.
Tetsuro KIYOMATSU (CEO)

Corporate history

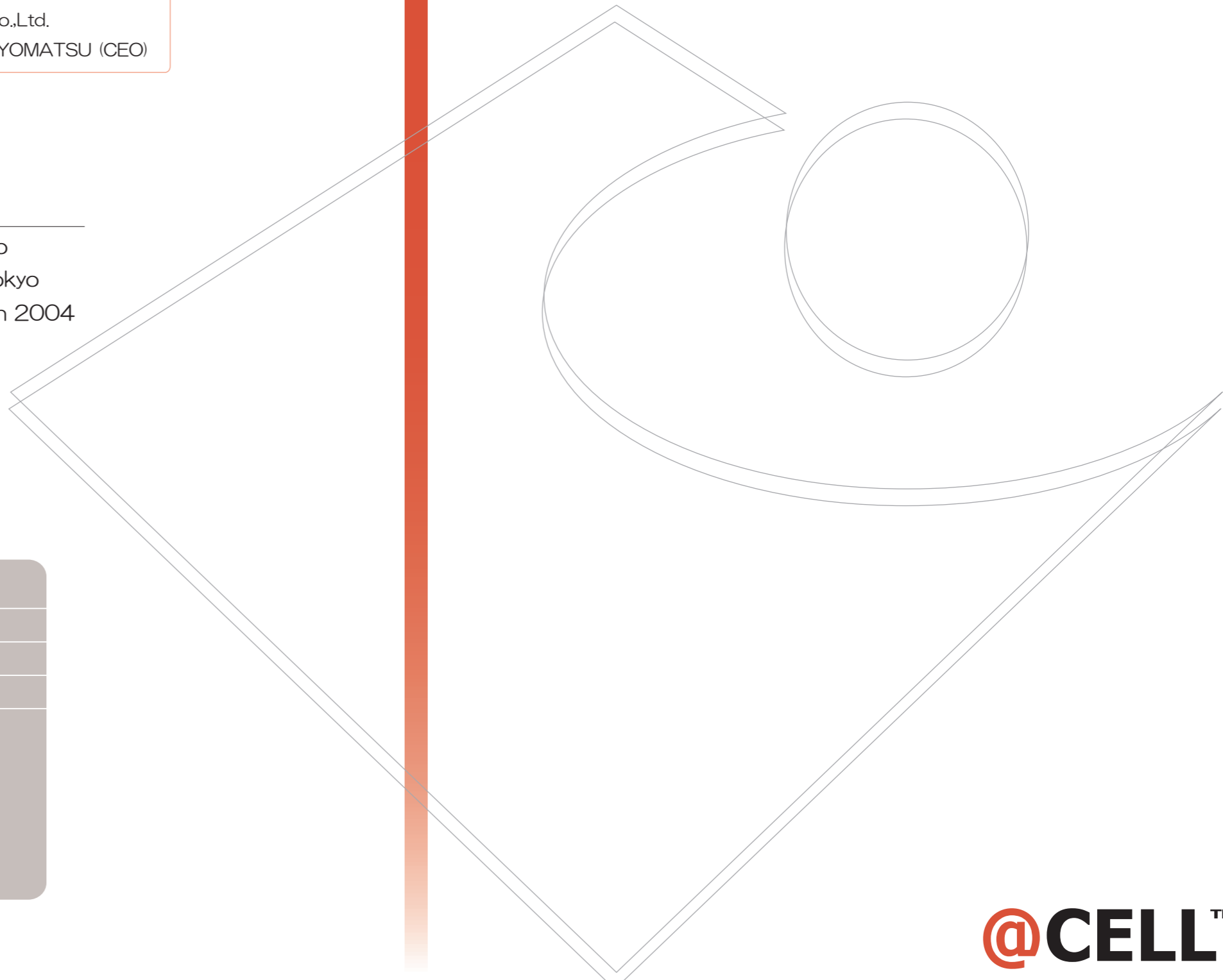
- October, 2002 Cellcross was established at Shinju-ku, Tokyo
- July, 2003 Cellcross office was moved to Sumida-ku, Tokyo
- September, 2004 Technology presentation at Innovation Japan 2004
- July, 2007 LAN products (@CELL LAN) were launched.

Corporate overview

Establishment	October 4, 2002
Capital	166,200,000yen
Web address	http://www.cellcross.co.jp/
Office	UT entrepreneur plaza #204, 7-3-1 Hongo, Bunkyo-Ku, Tokyo 113-0033 JAPAN Phone : +81-3-5842-2105 Fax : +81-3-5842-2106

※contents are based on the data in March, 2009

@CELL Two dimensional transmission



Cellcross contributes to forge a comfortable ubiquitous society

What is @cell (two dimensional transmission)?

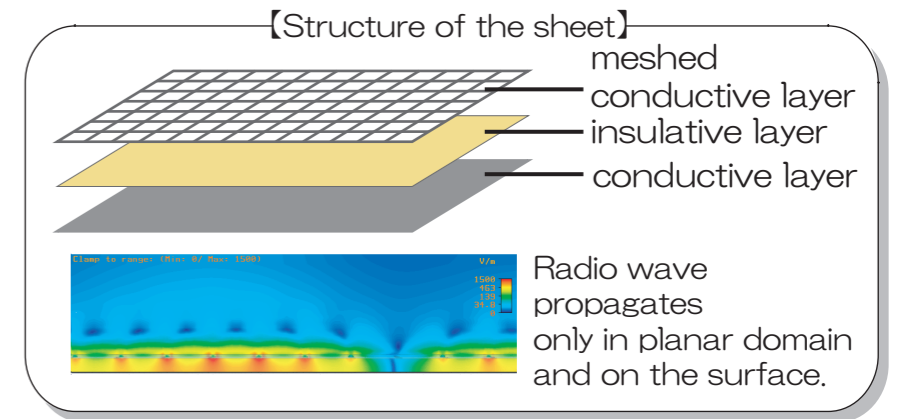
Our technology provides efficient signal transmission means through plane and surface

What does @cell technology allow us to do?

It enables ecological communication environment to be in reality.



@CELL is a revolutionary communication technology



@CELL LAN™

- Put your PC on the sheet and you'll get a comfortable network connection.
- PC touches the sheet and is connected. PC away and disconnected.

@CELL RFID™

- Reading area is expanded to planar directions.
- Metallic materials do not affect readability of RF tags.

@CELL™

Two dimensional transmission

- Propagation controlled communication
- High speed communication without interference
- High efficiency

Short distance high speed transmission

- Wireless and contactless high speed communication in short distance.
- Interferenceless feature enables simultaneous multiple transmissions.
- High speed data transmission with various devices such as TV on the wall.

Wireless power supply

- Contactless power supply through sheet surface.
- Not only small power but big power can be supplied.

Sensor network

- Wireless communication and wireless power supply are ready at once for sensors mounted on the sheet.
- We provide solutions to communication problems and power problems for sensors such as brightness sensor, temperature sensor on the wall in ubiquitous society era