



C E R T I F I C A T E

P3 communications GmbH
Dennewartstraße 25-27, D-52068 Aachen, Germany

hereby certifies that the mobile radio network of



Turkcell
Turkcell Plaza Meşrutiyet Cad. No. 71
34430 Tepebaşı / İSTANBUL

**provides fastest file download transfer performance
among all 3G Mobile Operators in public areas of Istanbul.**

This conclusion is based on an independent performance benchmark measurement campaign performed by P3 communications between 2010-01-23 and 2010-01-31 in Istanbul as stationary test at 20 public indoor locations like shopping malls, universities, train stations or airports chosen by P3 communications. The results refer to user experienced data transfer time needed for downloading files. Measurements have been executed in UMTS only mode with devices which represent the fastest UE capability class available in operators' stores at project start.¹

Aachen, February 2nd 2010

Peter Seidenberg
(Managing Director)

¹ (21 Mbit/s Download / 5.76 Mbit/s Upload) for Turkcell and Vodafone ; (7.2 Mbit/s Download / 2 Mbit/s Upload) for Avea