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### **Link equipment enabled live pictures from record-breaking train**

A French TGV train travelling at 360 mph recently broke world records - with cameras on board using wireless links to capture the occasion.

TGV's new record was broadcast live on French TV (AMP TV), using ten cameras switched into four up-links and one backup installed on board the train. These were supplied by Visual TV France.

These cameras were fitted with four LinkXP wireless transmitters to send signals to an aircraft flying at about 18,000 feet above. Another plane fitted with a stabilized camera system, followed the train at 1,000 ft.

From the plane, the five signals were multiplexed and beamed down to a truck parked at Reims station using two LINK HD systems. Comat Metracom supplied the wireless links, receivers and decoders that made this possible. The cameras covered a total area of about 150kms.

The tests took place April 4 on the new Paris to Strasbourg railway line and beat the previous world record for a train on rails, which was also set by a TGV train travelling at 320mph in 1990. Only a Japanese magnetic levitation train has gone faster, achieving 361 mph in 2003.