



Kent Service Report

August 2015

Service Reliability

The SLA sets a target minimum of 99.7% availability for each service averaged over a 12 month rolling period



Connections in Kent by Bandwidth



Average Availability of HE & FE Services in Kent				Average Availability of HE & FE Services in Janet			
Aug 2015	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service	Aug 2015	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
100%	0	99.98%	89	99.98%	10	99.96%	217
Mean Time to Repair		Average Faults per Service per Year		Mean Time to Repair		Average Faults per Service per Year	
4h 44m		0.41		4h 33m		0.70	
Based on 18 faults over the last 24 months				Based on 1083 faults over the last 24 months			

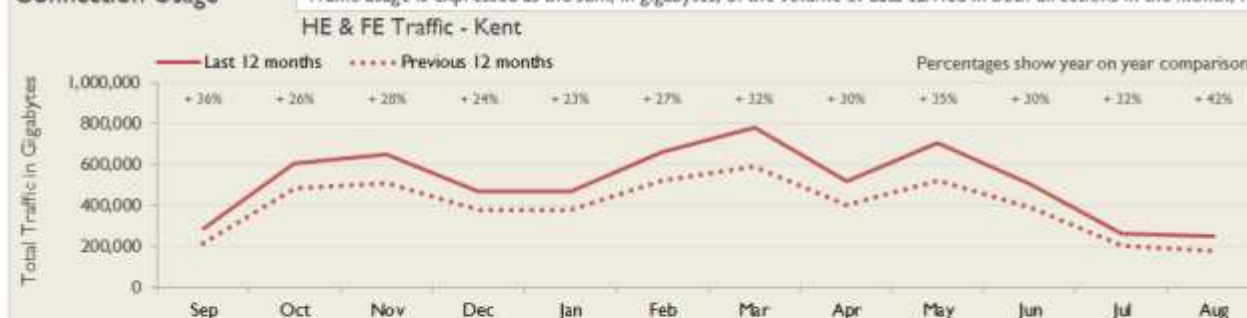
HE & FE Services in Kent Failing SLA Target

University for the Creative Arts, Canterbury Campus 99.64%

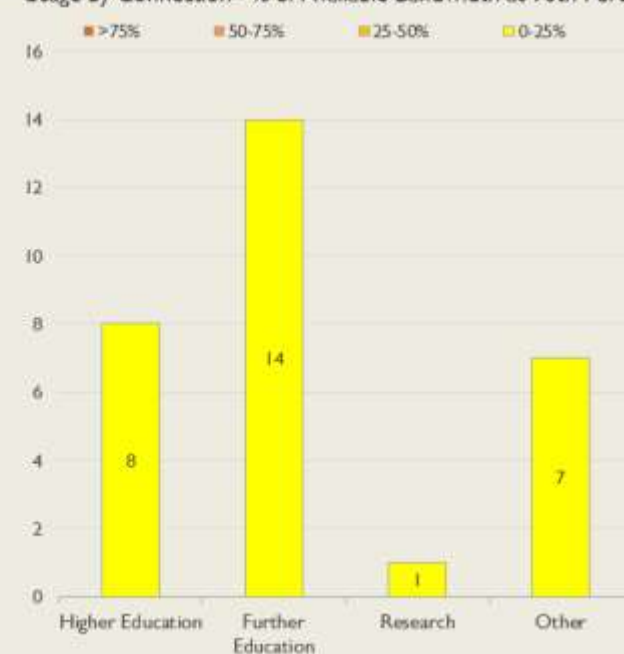
NB: Periods of scheduled and emergency maintenance are not included in reliability performance statistics

Connection Usage

Traffic usage is expressed as the sum, in gigabytes, of the volume of data carried in both directions in the month, for all links being charted



Usage by Connection - % of Available Bandwidth at 90th Percentile



Service Availability

The SLA target sets a minimum of 99.7% availability for each customer, averaged over a 12 month rolling period

Periods of scheduled and emergency maintenance are discounted when calculating availability of services

Monthly and annual availabilities falling below 99.7% are highlighted

* Service has resilience - where an organisation retains connectivity during an outage period by means of a second connection, the outage is not counted against its availability figures

Service	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	12 Month Rolling Availability
Canterbury Christ Church University, Tunbridge Wells	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Canterbury Christ Church University, Broadstairs Campus	100%	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	>99.99%
Canterbury Christ Church University, Canterbury Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Canterbury College, Swale Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Canterbury College, Canterbury Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
East Kent College, Folkestone Campus	100%	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	>99.99%
East Kent College, Broadstairs Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
East Kent College, Dover Campus				100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
Hadlow College, Greenwich Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hadlow College, Mottingham Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hadlow College, Hadlow Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hadlow College, Canterbury Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hilderstone College	100%	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	>99.99%
MidKent College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
North West Kent College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University for the Creative Arts, Rochester Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University for the Creative Arts, Canterbury Campus	100%	95.66%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.64%
University of Greenwich, The Universities at Medway	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Kent, Tonbridge Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Kent, Canterbury Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
West Kent and Ashford College, Ashford Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
West Kent and Ashford College, Tonbridge Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Connection outages for current month

Maintenance outages are included in this table - only unscheduled maintenance is counted against availability.

Some of the outages reported below are on circuits which are not connected through the selected region - they appear in the table because they are part of a service whose primary connection does belong to this region.

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
North West Kent College	12/08/2015 19:22	12/08/2015 20:11	00:00	00:49	Telco Scheduled Maintenance	Scheduled maintenance
East Kent College, Broadstairs Campus	17/08/2015 18:19	17/08/2015 19:42	00:00	01:23	Regional Scheduled Maintenance	RNO migration
East Kent College, Dover Campus	25/08/2015 18:01	25/08/2015 18:23	00:00	00:22	Customer Unscheduled Maintenance	Customer unscheduled power maintenance
East Kent College, Dover Campus	25/08/2015 20:11	25/08/2015 23:52	00:00	03:41	Customer Unscheduled Maintenance	Customer unscheduled power maintenance
Hadlow College, Canterbury Campus	26/08/2015 16:05	26/08/2015 16:20	00:00	00:15	Customer Unscheduled Maintenance	Electricians turned off the power

Link Utilisation

The table shows utilisation at the 90th percentile, i.e. for 90% of the samples within the period the traffic was at or below the level shown and for 10% of the samples traffic was above the level shown. The figure therefore gives a reasonable indication of the loading of the connection during the busiest periods. The measurements are shown as a percentage of the available raw bandwidth, and only the highest of the to/from readings for the month is used.

Some of the connections reported below are not connected through the selected region - they appear in the table because they are part of a service whose primary connection does belong to this region.

Connection	Current Bandwidth	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15
Canterbury Christ Church University, Broadstairs Campus	1Gbit/s	2%	4%	5%	2%	3%	3%	4%	2%	2%	1%	1%	1%
Canterbury Christ Church University, Canterbury Campus	1Gbit/s	17%	21%	25%	18%	23%	26%	26%	23%	19%	15%	15%	12%
Canterbury Christ Church University, Tunbridge Wells	100Mbit/s	5%	5%	5%	4%	5%	5%	5%	4%	4%	4%	4%	2%
Canterbury College, Canterbury Campus	1Gbit/s	12%	17%	19%	11%	18%	16%	20%	14%	17%	18%	7%	4%
Canterbury College, Swale Campus	100Mbit/s	6%	7%	9%	3%	8%	7%	8%	4%	7%	8%	2%	1%
East Kent College, Broadstairs Campus	1Gbit/s	1%	1%	1%	1%	2%	1%	2%	1%	1%	2%	<0.5%	<0.5%
East Kent College, Dover Campus	1Gbit/s					1%	1%	1%	1%	1%	2%	<0.5%	<0.5%
East Kent College, Folkestone Campus	1Gbit/s			4%	4%	4%	4%	5%	3%	3%	3%	1%	1%
Hadlow College, Canterbury Campus	10Mbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Hadlow College, Greenwich Campus	100Mbit/s	<0.5%	2%	2%	1%	1%	1%	2%	1%	1%	1%	1%	2%
Hadlow College, Hadlow Campus	1Gbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Hadlow College, Mottingham Campus	100Mbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Hilderstone College	100Mbit/s	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
MidKent College, Medway Campus	1Gbit/s	10%	14%	17%	14%	18%	18%	20%	14%	19%	20%	4%	2%
North West Kent College	1Gbit/s	6%	10%	13%	10%	14%	14%	17%	10%	14%	13%	3%	2%
University for the Creative Arts, Canterbury Campus	1Gbit/s												
University for the Creative Arts, Rochester Campus	1Gbit/s	2%	5%	6%	3%	5%	6%	7%	8%	9%	10%	3%	2%
University of Greenwich, The Universities at Medway	2Gbit/s	6%	11%	10%	9%	9%	12%	13%	10%	8%	6%	6%	5%
University of Kent, Canterbury Campus	4Gbit/s	32%	49%	54%	54%	54%	59%	60%	53%	59%	53%	17%	17%
University of Kent, Tonbridge Campus	100Mbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	1%	<0.5%
West Kent and Ashford College, Ashford Campus	1Gbit/s	1%	1%	2%	1%	1%	1%	2%	1%	2%	2%	1%	<0.5%
West Kent and Ashford College, Tonbridge Campus	1Gbit/s	2%	5%	6%	2%	7%	6%	8%	3%	7%	7%	1%	1%