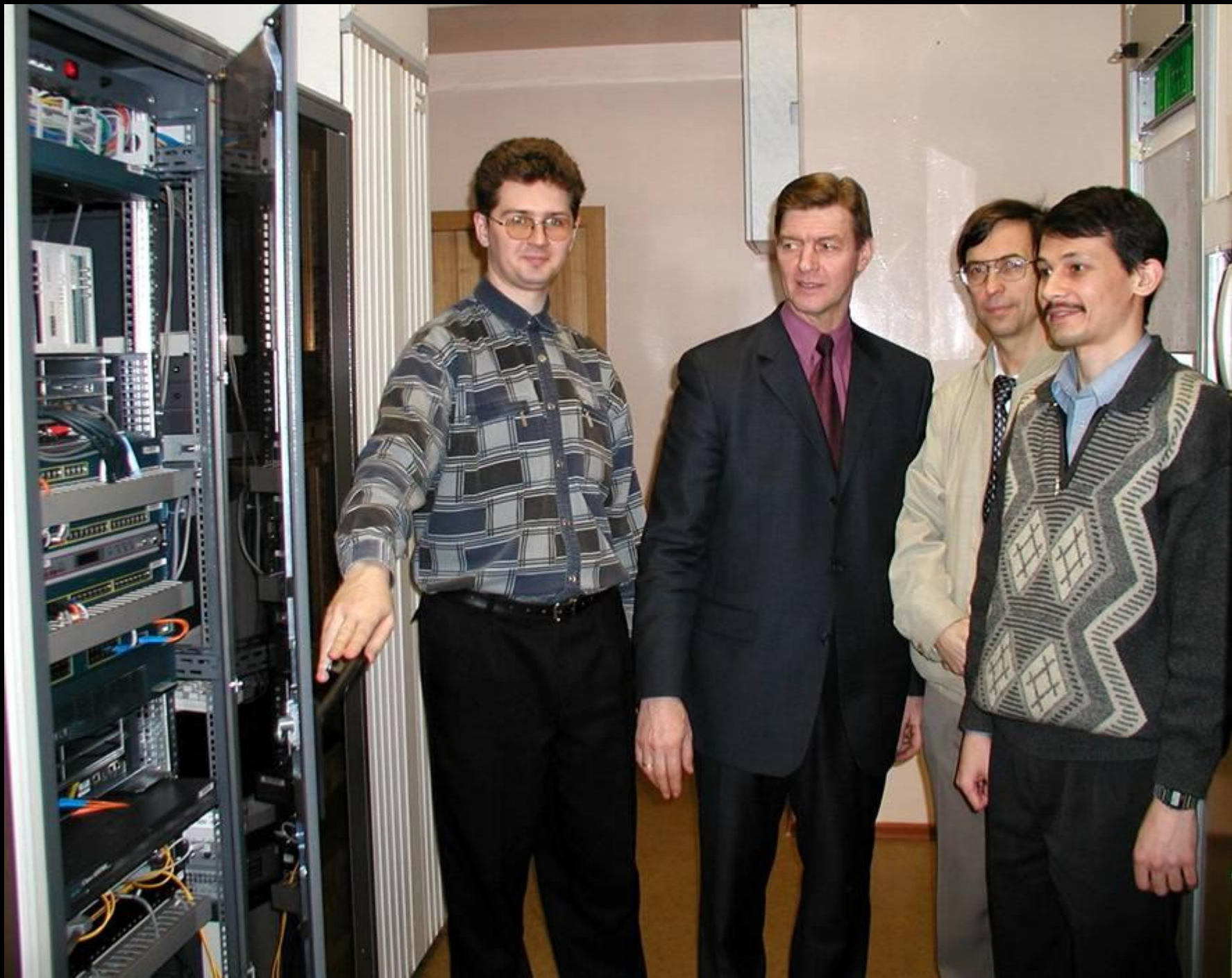
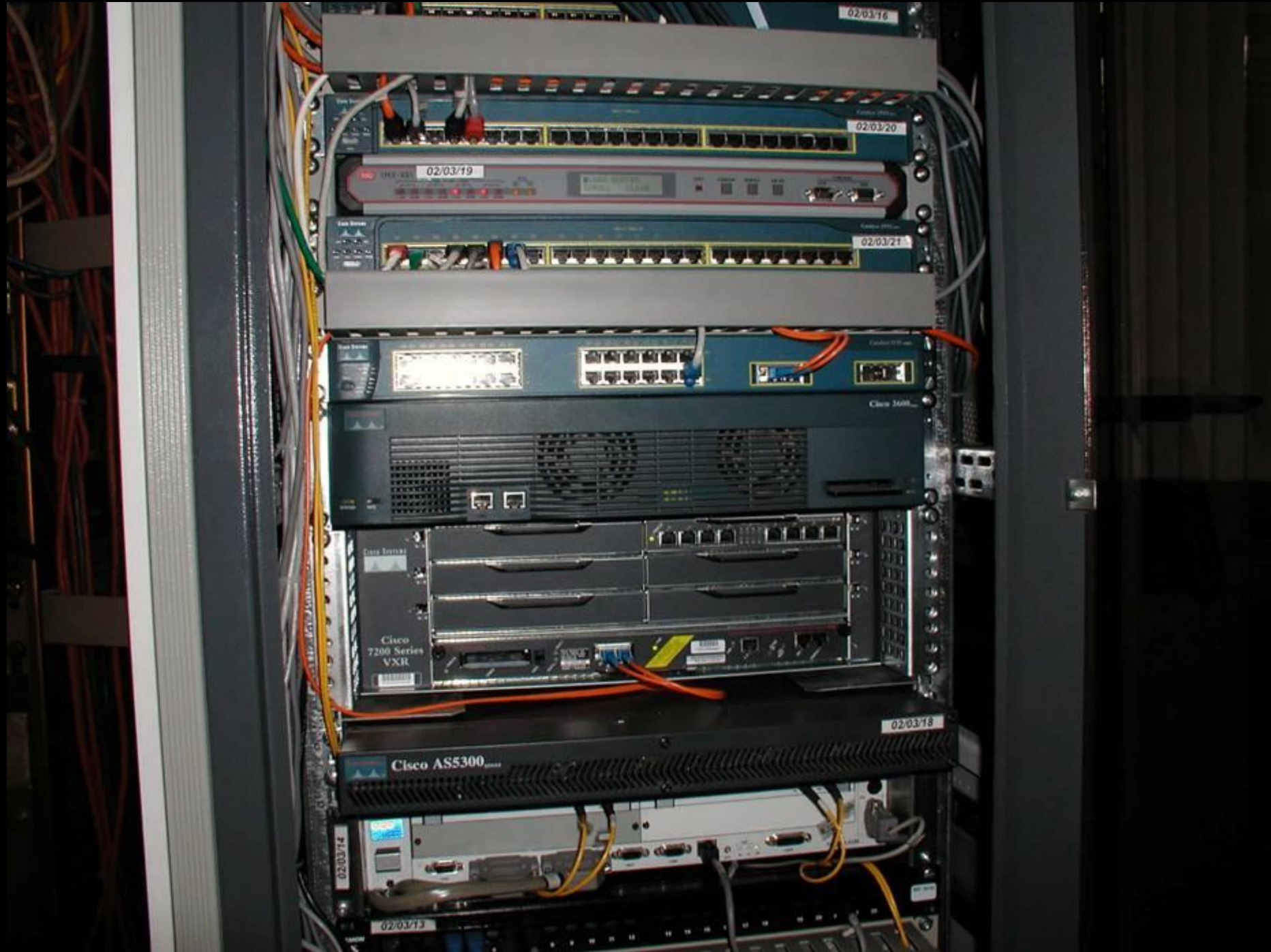


The background of the slide is a grayscale image showing a hand holding a pen, poised to write on a document. The document contains technical drawings, including a circular diagram with radial lines and a rectangular diagram with internal lines. The overall scene is slightly blurred, giving it a professional and academic feel.

РАЗВИТИЕ НАУЧНО-ОБРАЗОВАТЕЛЬНОЙ СЕТИ В СИБИРСКОМ ФЕДЕРАЛЬНОМ ОКРУГЕ

Е.Б. Гаврилов





02/03/16

02/03/20

02/03/19

02/03/21

Cisco 3600

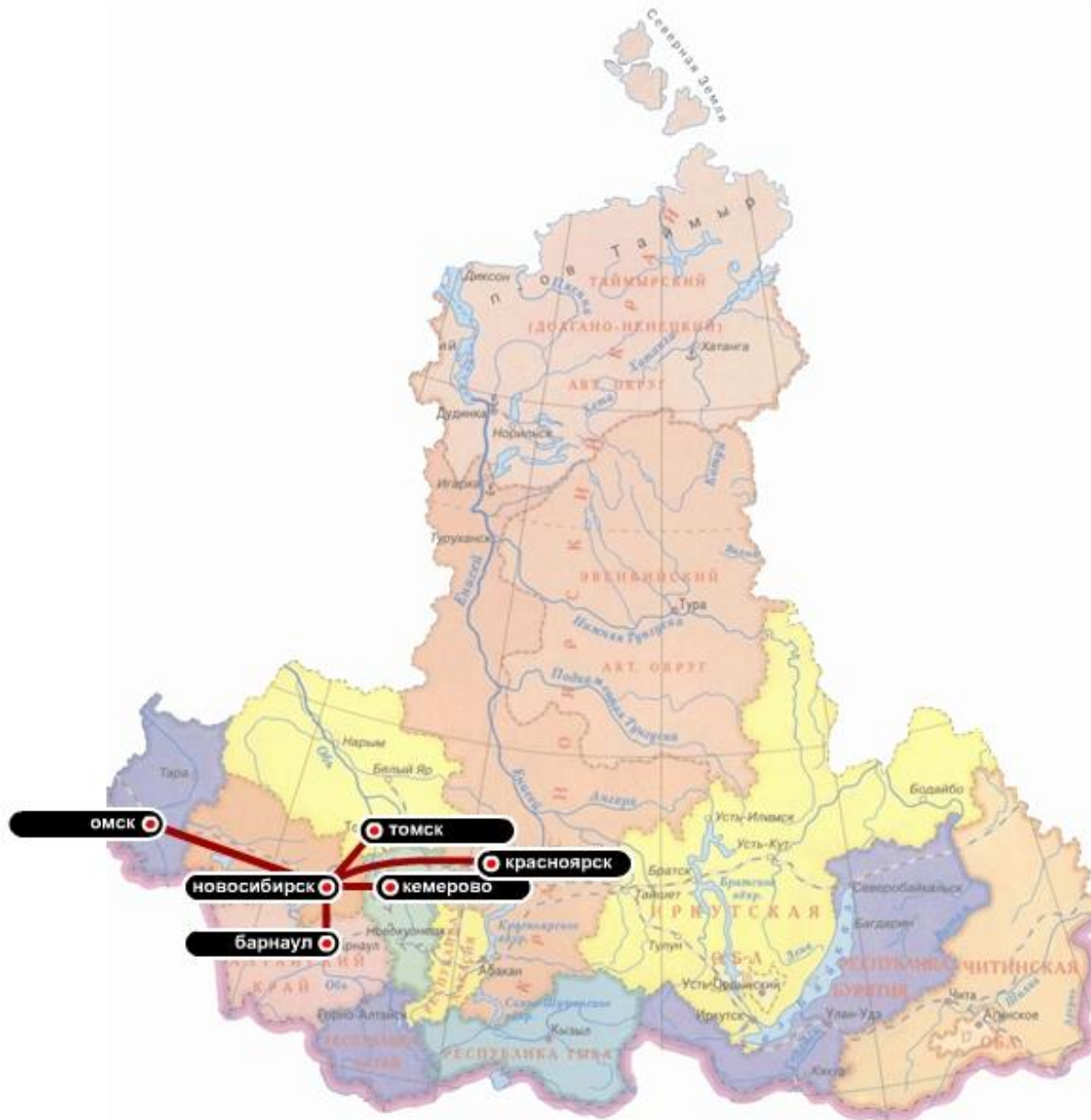
Cisco 7200 Series VXR

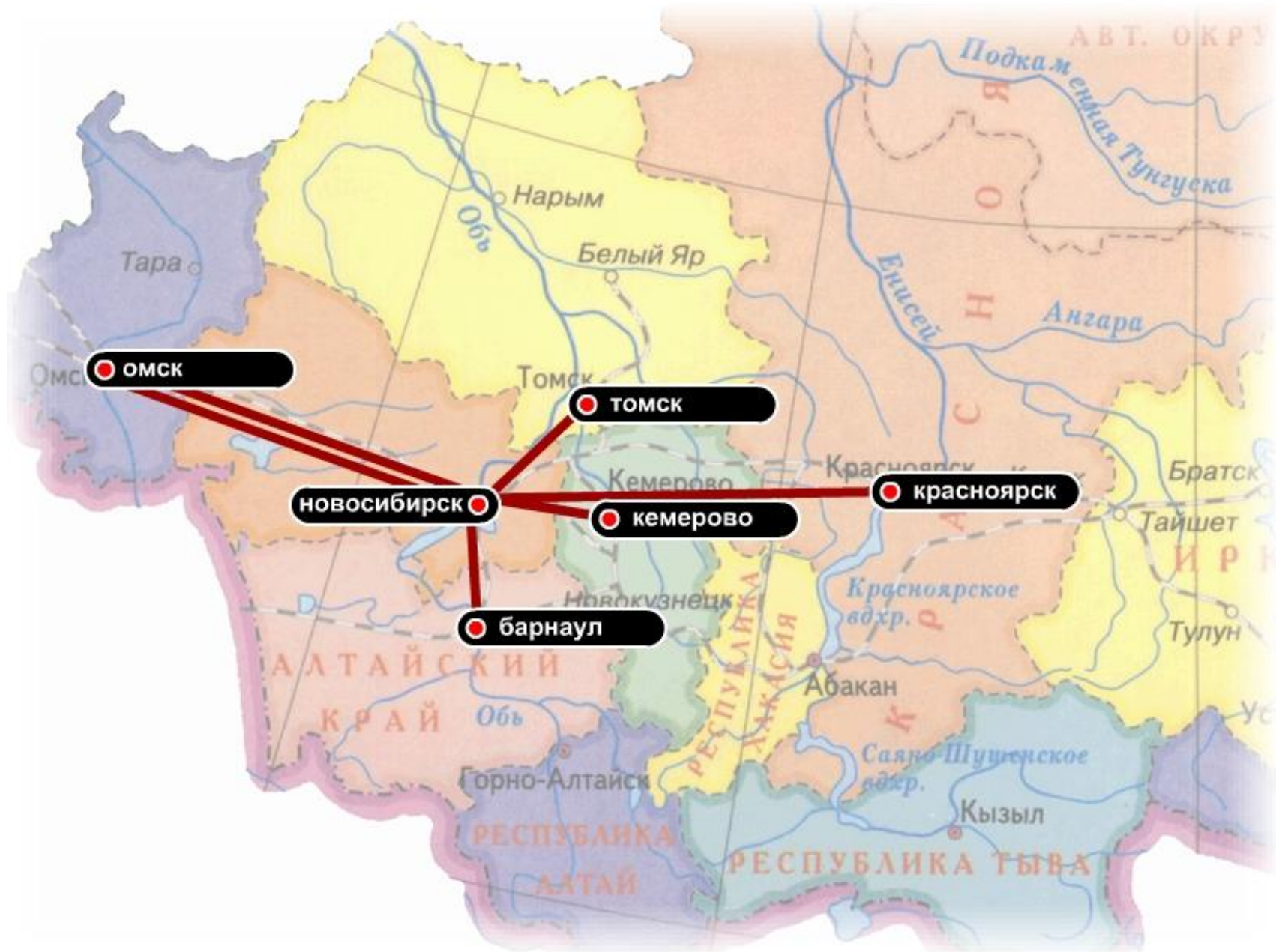
02/03/18

Cisco AS5300

02/03/14

02/03/13

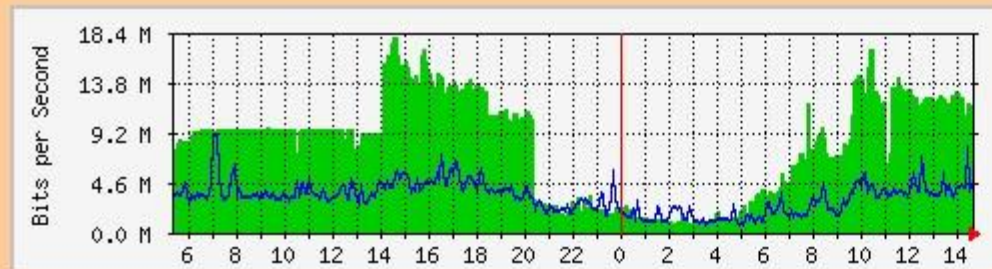




System: m9-ix.runnet.ru
Interface: ATM1/0.152-aal5 layer
IP: (194.85.38.17)
Max Speed:149760KB

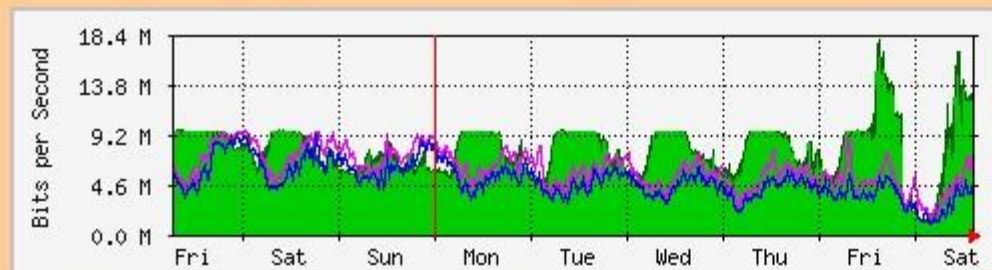
The statistics were last updated **Saturday, 26 March 2005 at 14:40**,
at which time 'm9-ix.runnet.ru' had been up for **316 days, 5:18:45**.

'Daily' Graph (5 Minute Average)



Max In:18.1 Mb/s (12.1%) Average In:8158.8 kb/s (5.4%) Current In:11.9 Mb/s (8.0%)
Max Out:9106.3 kb/s (6.1%) Average Out:3340.5 kb/s (2.2%) Current Out:4296.0 kb/s (2.9%)

'Weekly' Graph (30 Minute Average)

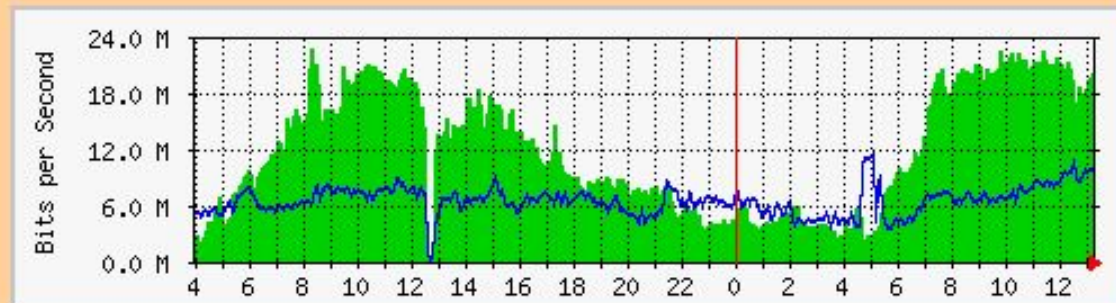


Max In:18.1 Mb/s (12.1%) Average In:7709.2 kb/s (5.1%) Current In:12.0 Mb/s (8.0%)
Max Out:9681.6 kb/s (6.5%) Average Out:5095.9 kb/s (3.4%) Current Out:4888.7 kb/s (3.3%)

System: m9-ix.runnet.ru
Interface: ATM1/0.152-aal5 layer
IP: (194.85.38.17)
Max Speed:149760KB

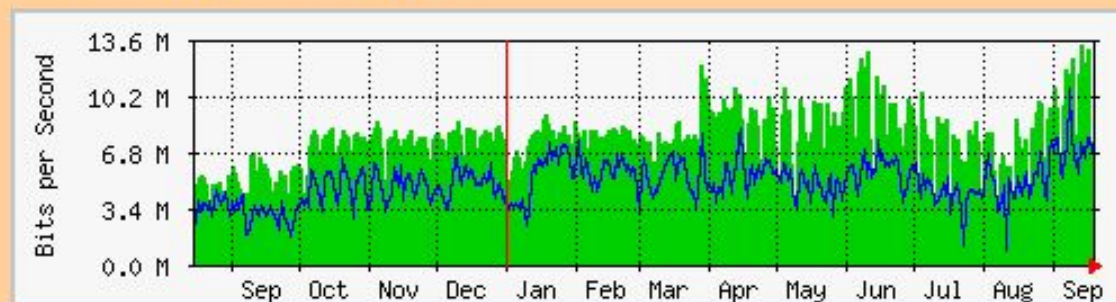
The statistics were last updated **Tuesday, 20 September 2005 at 13:15**,
at which time 'm9-ix.runnet.ru' had been up for **41 days, 1:58:29**.

'Daily' Graph (5 Minute Average)



Max In:22.9 Mb/s (15.3%) Average In:11.9 Mb/s (8.0%) Current In:20.3 Mb/s (13.5%)
Max Out:11.6 Mb/s (7.7%) Average Out:6616.0 kb/s (4.4%) Current Out:10.2 Mb/s (6.8%)

'Yearly' Graph (1 Day Average)

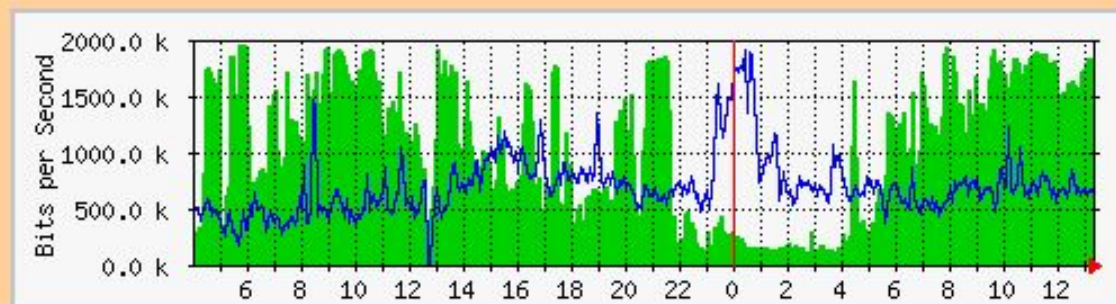


Max In:13.4 Mb/s (8.9%) Average In:7389.8 kb/s (4.9%) Current In:6350.7 kb/s (4.2%)
Max Out:10.7 Mb/s (7.1%) Average Out:5035.3 kb/s (3.4%) Current Out:6874.8 kb/s (4.6%)

System: nsk-ttk-1-gw.runnet.ru
 Interface: Serial6/0:0
 IP: (194.85.38.61)
 Max Speed:2048KB

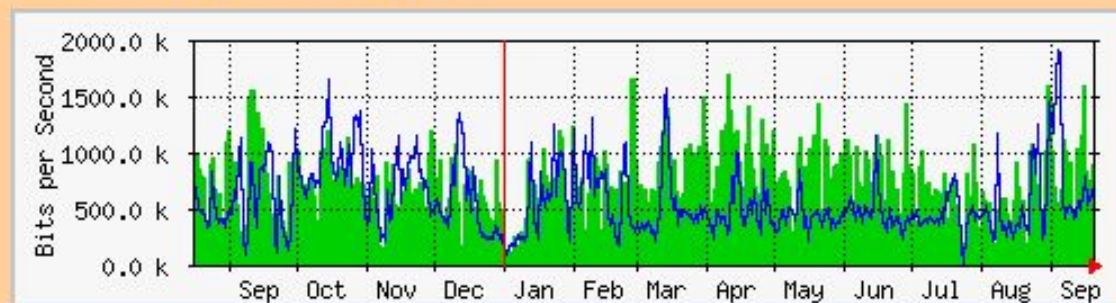
The statistics were last updated **Tuesday, 20 September 2005 at 13:20**,
 at which time 'nsk-ttk-1-gw.runnet.ru' had been up for **137 days, 0:09:01**.

'Daily' Graph (5 Minute Average)



Max **In**:1973.9 kb/s (96.4%) Average **In**:1043.6 kb/s (51.0%) Current **In**:1849.0 kb/s (90.3%)
 Max **Out**:1917.1 kb/s (93.6%) Average **Out**:711.3 kb/s (34.7%) Current **Out**:645.3 kb/s (31.5%)

'Yearly' Graph (1 Day Average)

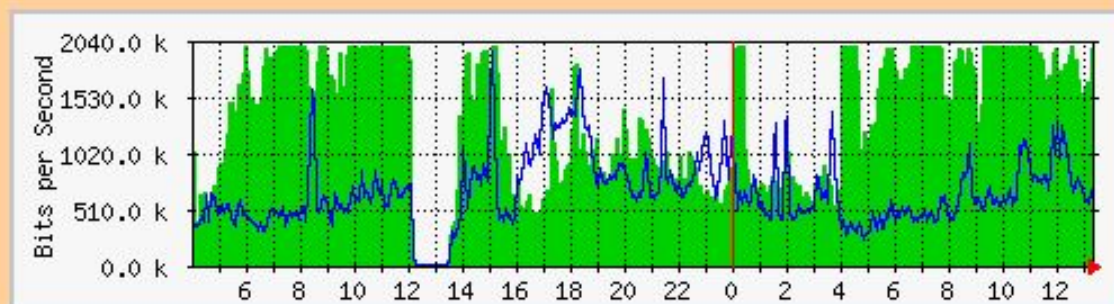


Max **In**:1713.9 kb/s (83.7%) Average **In**:730.1 kb/s (35.7%) Current **In**:917.2 kb/s (44.8%)
 Max **Out**:1901.5 kb/s (92.8%) Average **Out**:585.0 kb/s (28.6%) Current **Out**:725.7 kb/s (35.4%)

System: nsk-ttk-1-gw.runnet.ru
Interface: Serial6/1:0
IP: (194.85.38.65)
Max Speed:2048KB

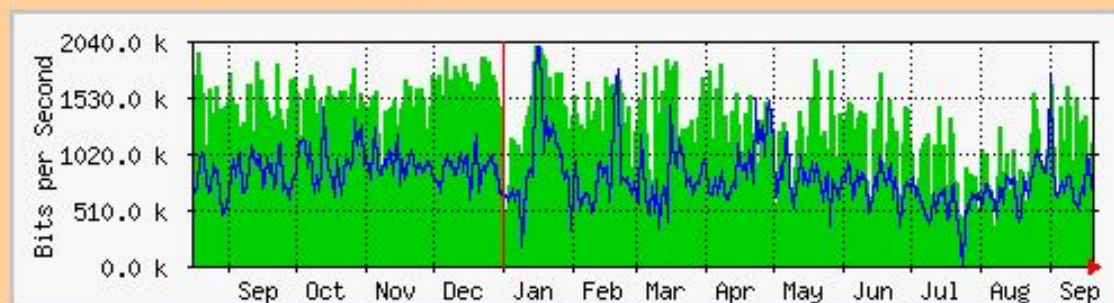
The statistics were last updated **Tuesday, 20 September 2005 at 13:20**,
at which time 'nsk-ttk-1-gw.runnet.ru' had been up for **137 days, 0:09:01**.

'Daily' Graph (5 Minute Average)



Max In:2018.1 kb/s (98.5%) Average In:1333.0 kb/s (65.1%) Current In:1982.8 kb/s (96.8%)
Max Out:1957.5 kb/s (95.6%) Average Out:685.8 kb/s (33.5%) Current Out:702.5 kb/s (34.3%)

'Yearly' Graph (1 Day Average)

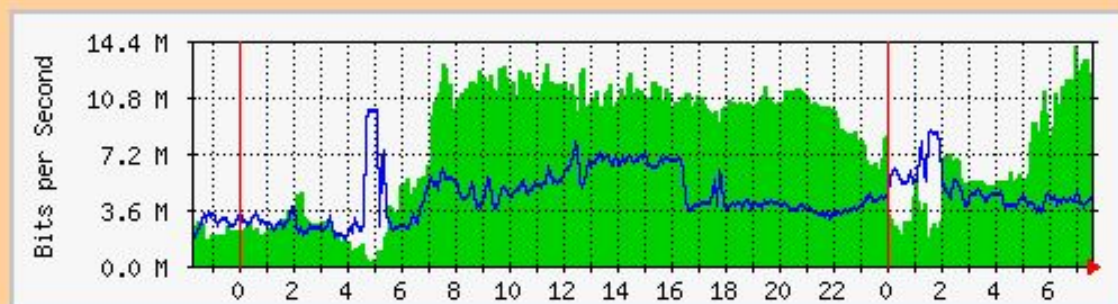


Max In:2005.2 kb/s (97.9%) Average In:1272.1 kb/s (62.1%) Current In:1141.7 kb/s (55.7%)
Max Out:1996.7 kb/s (97.5%) Average Out:827.4 kb/s (40.4%) Current Out:706.5 kb/s (34.5%)

System: nsk-ttk-1-sw.runnet.ru
Interface: FastEthernet0/1
IP: (0)
Max Speed:100000KB

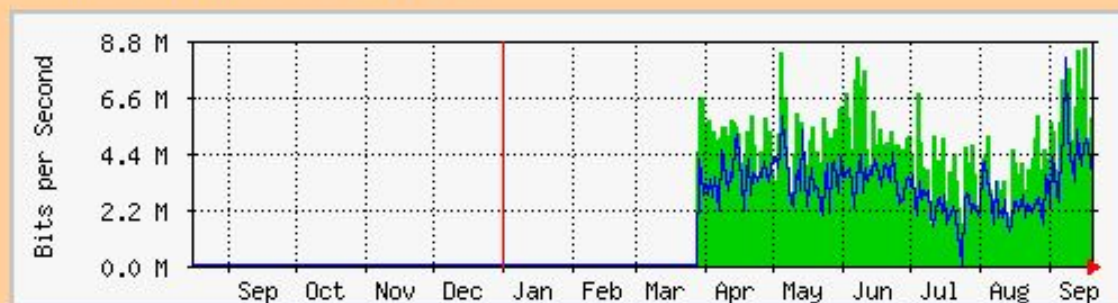
The statistics were last updated **Wednesday, 21 September 2005 at 7:35**,
at which time 'nsk-ttk-1-sw' had been up for **380 days, 0:36:45**.

'Daily' Graph (5 Minute Average)



Max **In**:14.2 Mb/s (14.2%) Average **In**:7653.8 kb/s (7.7%) Current **In**:12.4 Mb/s (12.4%)
Max **Out**:10.0 Mb/s (10.0%) Average **Out**:4543.8 kb/s (4.5%) Current **Out**:4529.3 kb/s (4.5%)

'Yearly' Graph (1 Day Average)

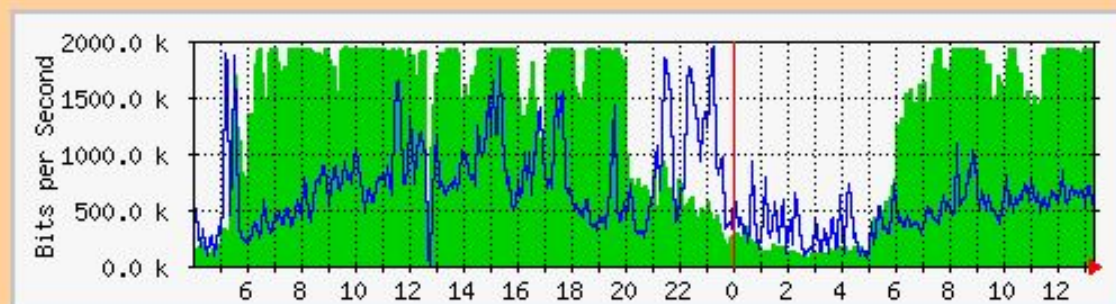


Max **In**:8584.0 kb/s (8.6%) Average **In**:4552.5 kb/s (4.6%) Current **In**:5893.5 kb/s (5.9%)
Max **Out**:8127.4 kb/s (8.1%) Average **Out**:3240.5 kb/s (3.2%) Current **Out**:3685.9 kb/s (3.7%)

System: nsk-ttk-1-gw.runnet.ru
Interface: Serial6/2:0
IP: (194.85.38.53)
Max Speed:2048KB

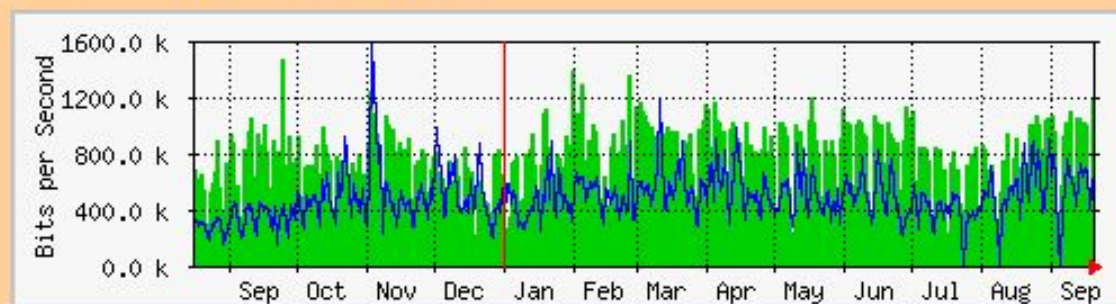
The statistics were last updated **Tuesday, 20 September 2005 at 13:20**,
at which time 'nsk-ttk-1-gw.runnet.ru' had been up for **137 days, 0:09:13**.

'Daily' Graph (5 Minute Average)



Max In:1961.4 kb/s (95.8%) Average In:1276.6 kb/s (62.3%) Current In:1915.0 kb/s (93.5%)
Max Out:1948.7 kb/s (95.2%) Average Out:658.2 kb/s (32.1%) Current Out:589.9 kb/s (28.8%)

'Yearly' Graph (1 Day Average)

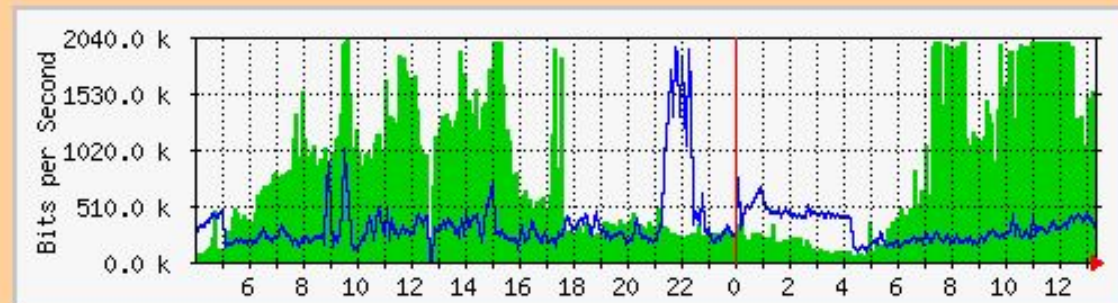


Max In:1473.4 kb/s (71.9%) Average In:736.4 kb/s (36.0%) Current In:1210.0 kb/s (59.1%)
Max Out:1591.1 kb/s (77.7%) Average Out:497.3 kb/s (24.3%) Current Out:705.9 kb/s (34.5%)

System: nsk-ttk-1-gw.runnet.ru
Interface: Serial6/3:0
IP: (194.85.38.49)
Max Speed:2048KB

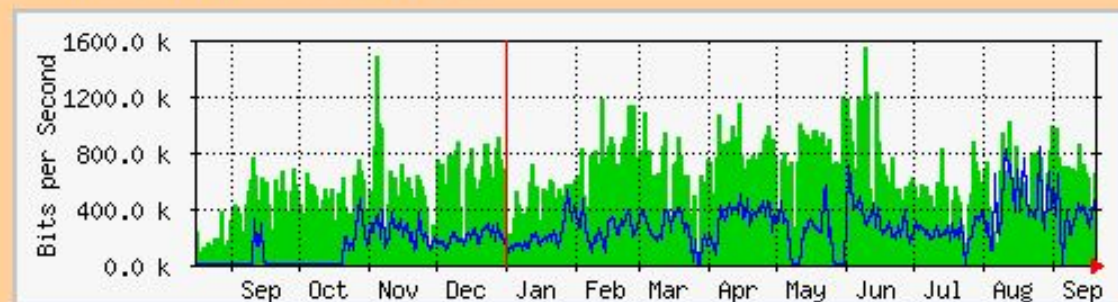
The statistics were last updated **Tuesday, 20 September 2005 at 13:20**,
at which time 'nsk-ttk-1-gw.runnet.ru' had been up for **137 days, 0:09:03**.

'Daily' Graph (5 Minute Average)



Max In:2021.5 kb/s (98.7%) Average In:808.9 kb/s (39.5%) Current In:1536.0 kb/s (75.0%)
Max Out:1951.1 kb/s (95.3%) Average Out:346.5 kb/s (16.9%) Current Out:325.5 kb/s (15.9%)

'Yearly' Graph (1 Day Average)

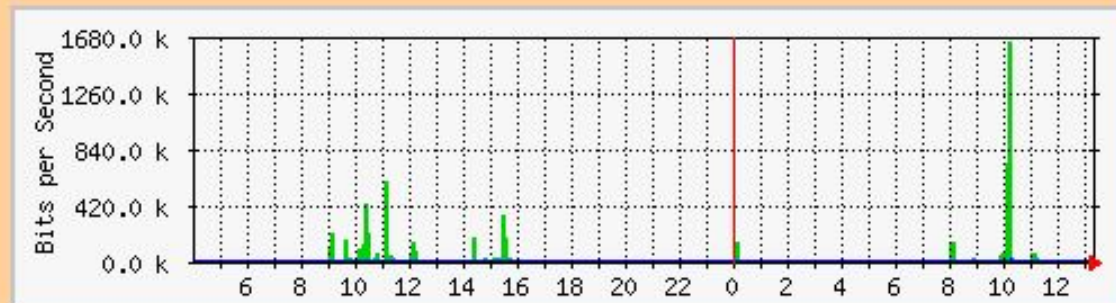


Max In:1567.0 kb/s (76.5%) Average In:585.3 kb/s (28.6%) Current In:663.7 kb/s (32.4%)
Max Out:842.9 kb/s (41.2%) Average Out:238.0 kb/s (11.6%) Current Out:380.3 kb/s (18.6%)

System: nsk-ttk-1-gw.runnet.ru
Interface: Serial6/4:0
IP: (194.85.38.41)
Max Speed:2048KB

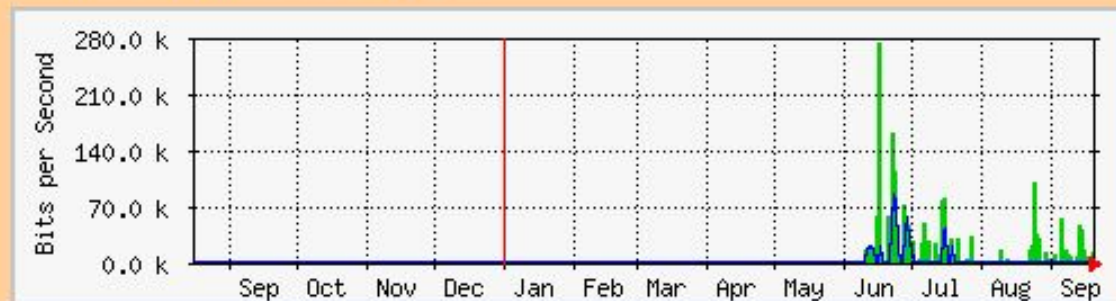
The statistics were last updated **Tuesday, 20 September 2005 at 13:20**,
at which time 'nsk-ttk-1-gw.runnet.ru' had been up for **137 days, 0:09:03**.

'Daily' Graph (5 Minute Average)



Max In:1660.4 kb/s (81.1%) Average In:20.8 kb/s (1.0%) Current In:2696.0 b/s (0.1%)
Max Out:26.3 kb/s (1.3%) Average Out:768.0 b/s (0.0%) Current Out:360.0 b/s (0.0%)

'Yearly' Graph (1 Day Average)



Max In:277.1 kb/s (13.5%) Average In:20.3 kb/s (1.0%) Current In:16.1 kb/s (0.8%)
Max Out:85.1 kb/s (4.2%) Average Out:5944.0 b/s (0.3%) Current Out:664.0 b/s (0.0%)

System: nsk-ttk-1-gw.runnet.ru

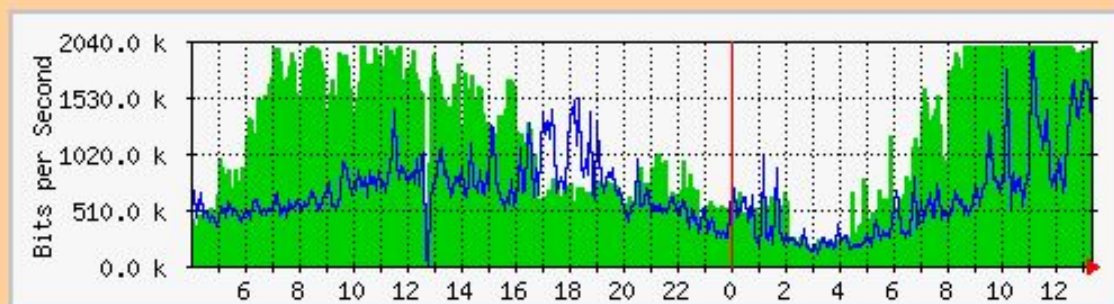
Interface: Serial6/5:0

IP: (194.85.38.37)

Max Speed:2048KB

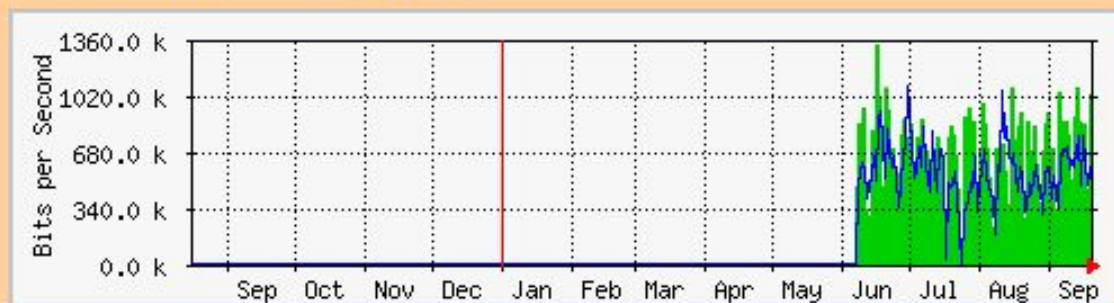
The statistics were last updated **Tuesday, 20 September 2005 at 13:20**,
at which time 'nsk-ttk-1-gw.runnet.ru' had been up for **137 days, 0:09:13**.

'Daily' Graph (5 Minute Average)



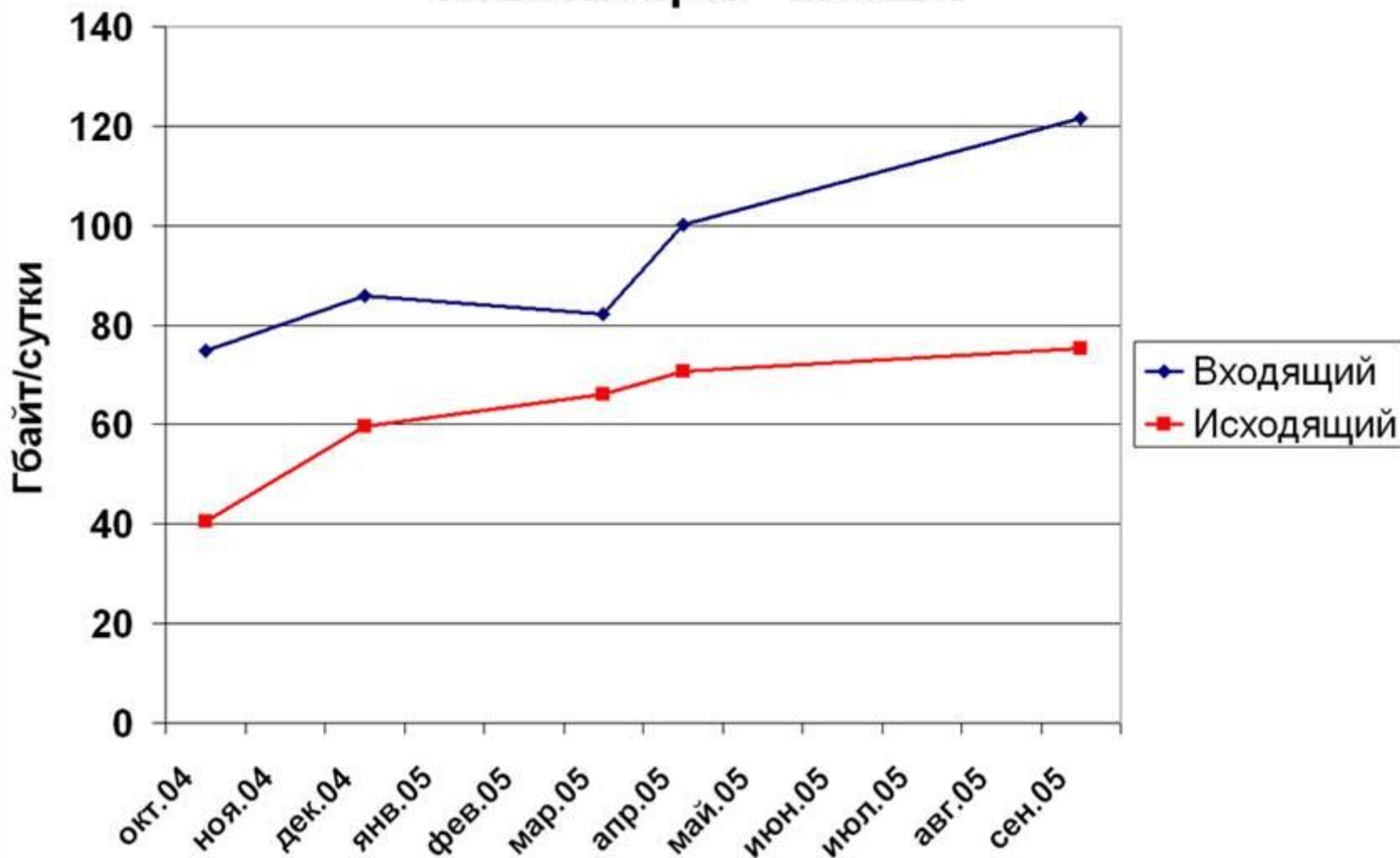
Max **In**:2019.2 kb/s (98.6%) Average **In**:1164.4 kb/s (56.9%) Current **In**:1996.1 kb/s (97.5%)
Max **Out**:1941.9 kb/s (94.8%) Average **Out**:659.6 kb/s (32.2%) Current **Out**:1273.8 kb/s (62.2%)

'Yearly' Graph (1 Day Average)

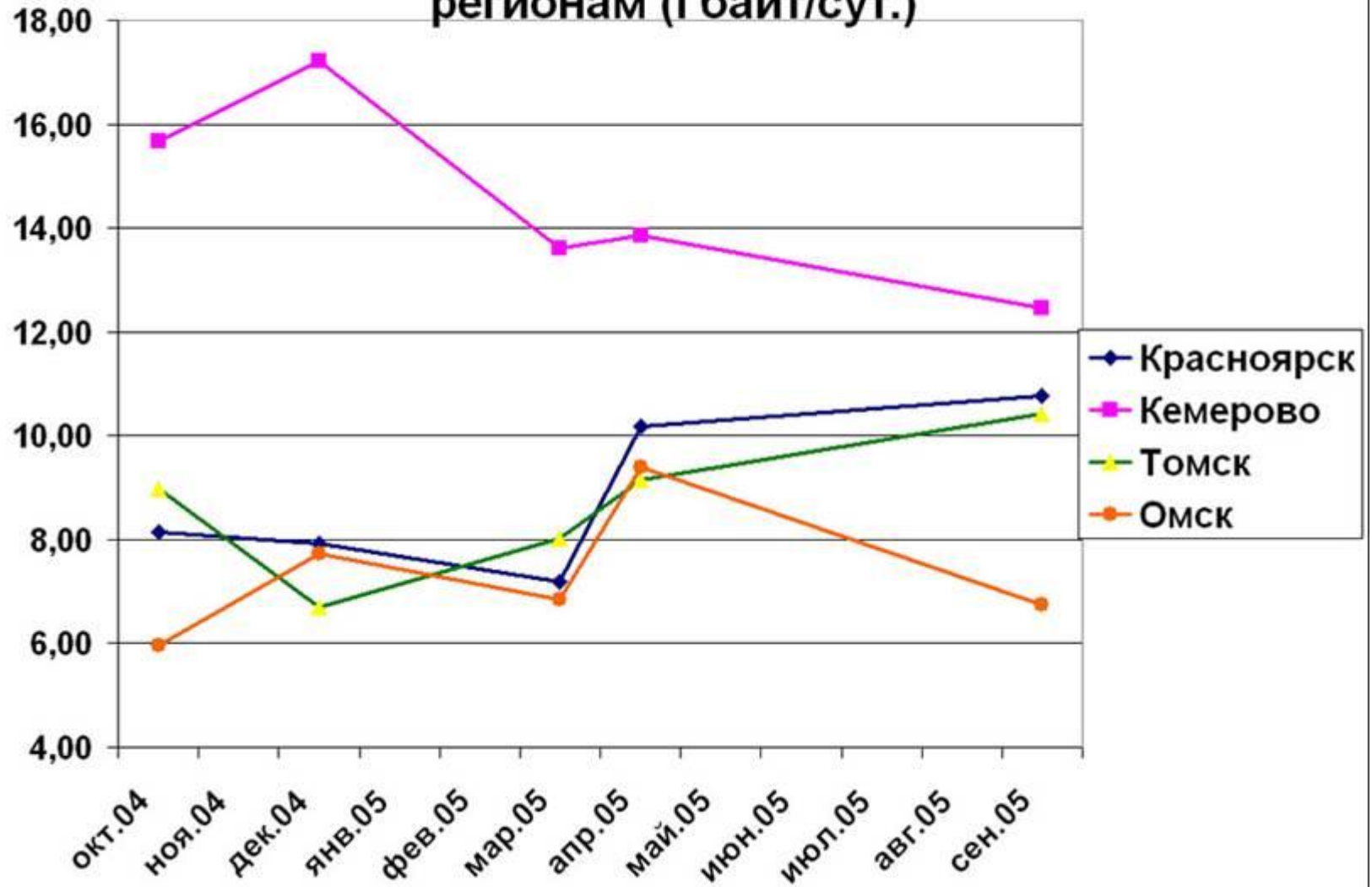


Max **In**:1344.3 kb/s (65.6%) Average **In**:663.8 kb/s (32.4%) Current **In**:1042.9 kb/s (50.9%)
Max **Out**:1088.0 kb/s (53.1%) Average **Out**:568.7 kb/s (27.8%) Current **Out**:632.8 kb/s (30.9%)

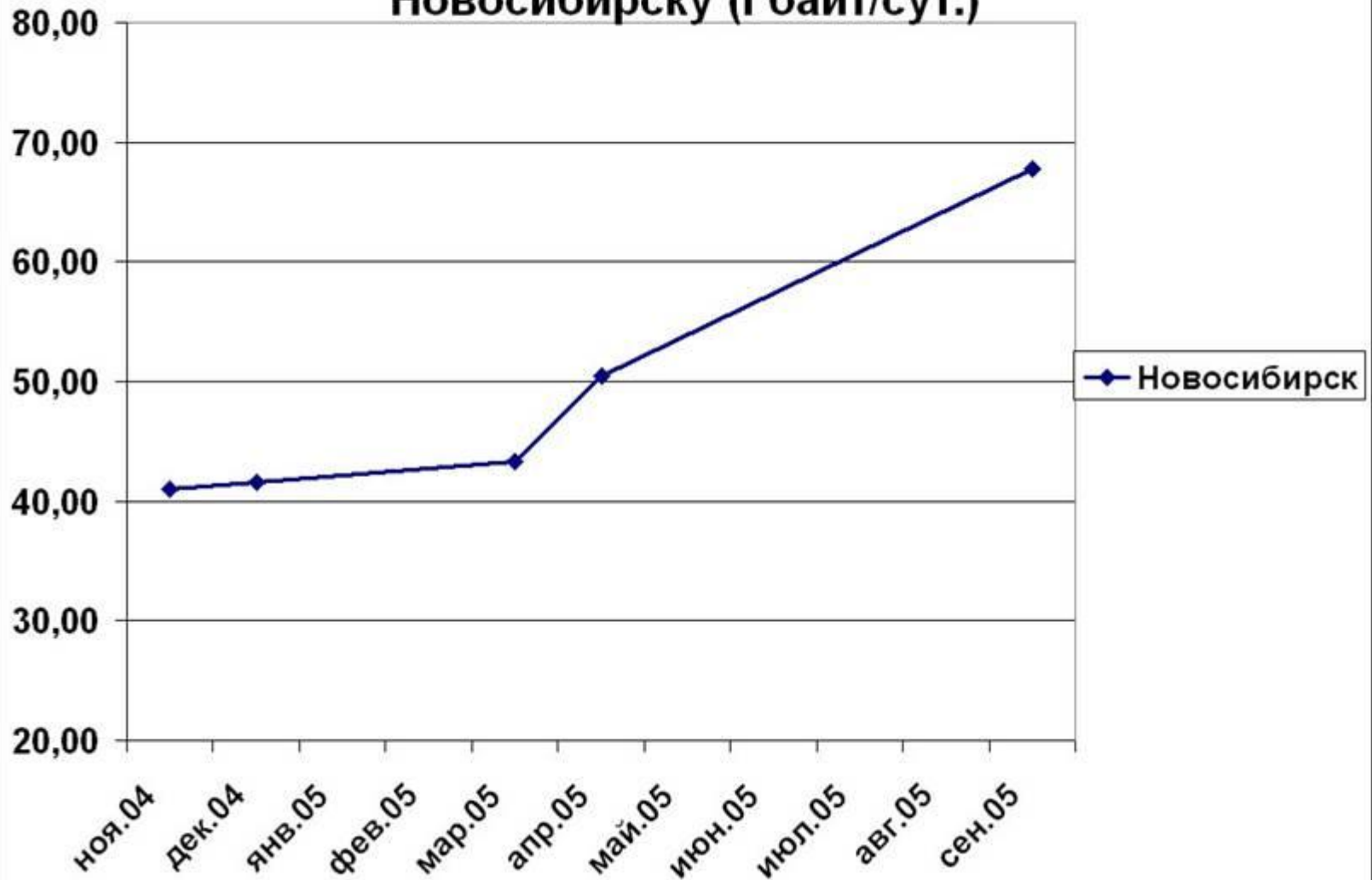
Среднесуточный объём трафика на канале Новосибирск - Москва



Входящий среднесуточный трафик по регионам (Гбайт/сут.)



Входящий среднесуточный трафик по Новосибирску (Гбайт/сут.)





**РАЗВИТИЕ
НАУЧНО-ОБРАЗОВАТЕЛЬНОЙ СЕТИ
В СИБИРСКОМ ФЕДЕРАЛЬНОМ ОКРУГЕ**

Е.Б. Гаврилов