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Revised By:	Joshua Graves	Review Cycle/Date:	Annual
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Title:	Network Bandwidth Standard		
Description:	This document establishes our network bandwidth standard for customers.		

Network Bandwidth Standard

1. General Statement of Purpose
 - 1.1. The purpose of this document is to identify our network bandwidth standard for customers.
2. Scope
 - 2.1. This document applies to all customers of our network services.
3. Discipline
 - 3.1. Technical Standards
4. Terms and Definitions
 - 4.1. Bandwidth – Also called data transfer rate; the bit-rate of available or consumed information capacity expressed typically in metric multiples of bits per second.
5. Instructions
 - 5.1. OMES IS suggests that its network customers allow for these standard bandwidths for their employees:
 - 5.1.1. **256 kbps per user** – light PC user, employee who does minimal work on their PC
 - 5.1.2. **512 kbps per user** – normal office employee
 - 5.1.3. Sites with employees who regularly perform the following tasks will need a higher bandwidth to adequately perform their job functions. The necessary bandwidth for these employees vary depending on the task and frequency performed. An assessment must be performed to determine the necessary bandwidth.
 - 5.1.3.1. Video conferencing
 - 5.1.3.2. Working with remote geographical information systems (GIS)
 - 5.1.3.3. Large database consumption
6. Limitation or Implementation Notes
 - 6.1. Bandwidth availability may vary depending on the customer’s location.
7. References
 - 7.1. The following table shows the network bandwidth increments that OMES IS suggests to its customers.

5 Mbps	30 Mbps	100 Mbps	400 Mbps	2000 Mbps	5000 Mbps
10 Mbps	40 Mbps	200 Mbps	500 Mbps	3000 Mbps	10000 Mbps
20 Mbps	50 Mbps	300 Mbps	1000 Mbps	4000 Mbps	