MyFloridaNet – Florida’s low cost, carrier class, private network, built upon state of the art MPLS technology, designed to effectively carry voice, video and data.

MyFloridaNet provides a comprehensive, statewide solution for secure WAN connectivity utilizing the latest MPLS technology and Quality of Service mechanisms.

Substantial Savings
In contrast with today’s environment, Internet access, firewall features, VPN services, network management, configuration management, stringent SLAs, and full InterLATA bandwidth are all included in each MyFloridaNet connection. Additionally, there are no installation charges! The potential cost avoidance savings made possible by the standard MyFloridaNet feature set combined with the obvious access savings of MyFloridaNet, delivers maximum possible savings and value to SUNCOM customers.

End to End Quality of Service
MyFloridaNet’s sophisticated Quality of Service capabilities allow the classification of your data, prioritizing voice, video and mission critical data more efficiently. Using DiffServ Code Points and other Quality of Service mechanisms, critical applications receive appropriate bandwidth despite varying demands for bandwidth from non-critical applications such as Internet.

Integrated Security
MyFloridaNet enterprise security solution includes professionally managed and maintained advanced security appliances capable of integrating a wide variety of network aware devices in order to better safeguard the enterprise. Dedicated security engineering, trained NOC technicians, Intrusion Detection Systems, Firewalls, 24 x 7 automated and human real time threat mitigation are just some of the MyFloridaNet security features specifically designed to compliment network security measures and resources provided by MyFloridaNet customers.

Proactive SLAs
MyFloridaNet includes Service Level Agreements related to every facet of the service: service restoral, jitter, latency, packet loss, Internet connectivity, core availability, etc. All SLAs are monitored 24 x 7 by the MyFloridaNet Web based NMS. A four hour problem resolution SLA is a standard feature of MyFloridaNet and assures customer troubles are addressed in a mission critical fashion.

Simple Pricing Structure
MyFloridaNet features simple, flat rate, packaged pricing statewide. A T1 in Two Egg now costs the same as a T1 in Miami, allowing SUNCOM customers to easily price different network deployment scenarios and quickly determine budget implications. The new pricing will also simplify billing and facilitate audits.
**No PVC Worries**
For years frame relay customers have had to manage all types of PVC issues with most customers running three or more PVCs from each site. Each PVC had to be sized correctly and backbone bandwidth purchased based upon anticipated use and available budget. In the MyFloridaNet environment, backbone PVCs and PVC management become a thing of the past. Agencies have access to as much backbone bandwidth as their access connection can consume. For example, a T1 connection has access to a full T1 worth of backbone bandwidth whether used for local, remote, Internet, intranet, or Extranet applications.

**Massive Core Bandwidth**
The MyFloridaNet core contains over 20 Gigabits of core bandwidth – many times over the total bandwidth historically utilized by State of Florida customers. Plentiful bandwidth minimizes the need for core upgrades during the life of the contract, which minimizes the potential for network disruptions or delays.

**Carrier Class Network**
The MyFloridaNet core is primarily based on statewide OC-192 (~9.6 Gigabits) SONET rings, which redundantly connect dual carrier class Juniper M320 routers. These dual core routers are located in secure Telco central offices throughout the state. Due to their high reliability, M320 routers have proven to be the preferred platform of the vast majority of major carriers currently using MPLS in their network deployments.

**Internet and Firewall Services**
Internet connectivity is offered with the support of a full compliment of redundant firewalls, Intrusion Detection Systems (IDS) and other security devices. Internet access and firewall services, equal to the access speed of the MyFloridaNet connection, are included in the basic service. Sophisticated firewalls allow security policies to be invoked and viewed per agency. Over 1.6 Gigabits of Internet bandwidth will be provided initially via two redundant connections, one in Tallahassee and one in Orlando. MyFloridaNet Internet bandwidth will be increased as needed for the life of the contract.

**One Connection**
MyFloridaNet utilizes a private MPLS-based IP core to create an integrated network capable of carrying Internet, intranet and Extranet traffic all on one connection, helping to cut connection, management and equipment costs. Since each MyFloridaNet connection is QoS enabled and includes Internet access, customers may choose to carry their voice, video, data and Internet traffic all via a single connection.

**Access Choices**
MFN customers have the flexibility to choose the appropriate access based on the applications and needs at a given site instead of being held to legacy network architecture. For example, customers could choose frame relay local loop access at one location and Ethernet access at another, because MyFloridaNet provides interoperability across multiple access types via a robust IP Backbone.

Since SLAs are the same for all access types (except DSL), it is expected customers will simply choose the most cost effective transport.

**Access and Core Redundancy**
MyFloridaNet features redundancy at multiple levels. Starting at the customer edge of the network, MyFloridaNet provides redundant Layer 3 connectivity between the customer location and the MFN core by connecting each customer site to both Core routers. The core nodes consist of redundant Juniper M320 routers complete with redundant aggregation circuits. In the unlikely event one of the core nodes either partially or completely fails, the other Core router will continue to provide undegraded service. Each of the redundant Core routers are connected with redundant InterLATA circuits and redundant bandwidth provided almost entirely on private redundant SONET facilities.

**Full 2GMAN Integration**
For the MyFloridaNet customer this means a single Network Management System view, configured and maintained to their specifications, for all of their MyFloridaNet locations including the 2GMAN. MFN provides a common QoS schema, inclusive of the 2GMAN, facilitating agency application prioritization and optimization from end to end.