



This document outlines the Service Level Agreement (SLA) between University Technology Services (UTS) and our Customers for the delivery and support of Google Search. The purpose of this agreement is threefold:

1. To clearly represent the capabilities of the service.
2. To establish a shared set of expectations regarding the operation and support of the service.
3. To provide a framework for bidirectional communication regarding overall satisfaction with the service.

Service Description

Google Search is a local search service offered to sites hosted on emory.edu domains. Google Search allows site owners more frequent indexing of their content than public Google provides, as well as flexibility in establishing preferential search returns for particular searches.

The user interface is a customized overlay to the Google search engine and can support distributed administration via a Web interface. Sites can offer searches just for their content or provide a gateway into the entire Emory catalog.

Scope of the Agreement

The scope of this agreement includes the software, hardware, and infrastructure components (Configuration Items) operated and maintained by UTS to deliver the complete service.

Items included within the scope of this agreement	
Number of users / licenses	Supports up to 300,000 pages with a 2 year license agreement
In-scope applications	<ul style="list-style-type: none"> • Google Search version 5.x
Dependent infrastructure services	<ul style="list-style-type: none"> • Internet • Load Balancers- F5 Big IP
Hardware and Software components	<ul style="list-style-type: none"> • Google Mini-appliance (2 each) <ul style="list-style-type: none"> ▪ Search1.emory ▪ Search2.emory • Linux server (dedicated) <ul style="list-style-type: none"> ▪ Whadmin-for running scripts in support of the two mini-appliances.

Component refresh is included in UTS refresh budget

Component refresh requires non-UTS funding

Items and functional areas that are outside the scope of this agreement include the components listed below.

Items NOT within the scope of this agreement	
Out-of-scope services	<ul style="list-style-type: none"> • Personal Web Pages • Web Hosting • Web Content Management (Cascade)



Assumptions

1. Search is a Tier 3 service. Please refer to <http://it.emory.edu/itil-service> for a description of service tiers.
2. Search is available to any user of the Emory website.
3. Administration, layout, and configuration of specific search requirements are the responsibility of the customer.
4. Search may be added to any website hosted within the emory.edu domain.
5. Additional page licenses and/or refreshed or additional hardware above what is listed in scope will require new funding.

Legal Requirements

This service must comply with the following legal/compliance regulations:

- None HIPPA FERPA SOX Other: _____

Availability

Availability is the percentage of time the service is operational and ready for use. Some services can be designed for high availability by increasing the reliability, scalability, and fault tolerance of the individual components. Because high availability always comes at a cost in both money and additional complexity, organizations must make careful tradeoffs.

At times, services may be partially available, meaning that some customers are working and others or not. Or, it could be that some features are working while others are not. Adjusting for partial availability gives a more accurate reflection of how well the service is performing but is more complex to calculate. Refer to Attachment A for a description of the method(s) used to calculate availability.

Service Hours

In addition to regular maintenance, there are other time periods when a service may not be required. For instance, some non-critical services may only need to be up and running during office hours. Selecting service hours has implications for engineers and customer support personnel. Excluding maintenance, this service is available:

- Monday – Friday, 7:00 am – 9:00 pm, excluding Emory holidays
 24x7x365
 Other: _____

Maintenance Windows

All services require regularly scheduled maintenance windows in order to:

1. Keep system components up-to-date and secure by applying recommended patches and updates
2. Keep applications and infrastructure current and up to vendor supported patch levels.

UTS makes every effort to minimize the impact of maintenance on the availability of the service. However, you should know that the service may be unavailable during a portion or the entire maintenance window.

The standard maintenance window occurs once per month and begins at 6:00 pm on Saturday and extends until 6:00am on Sunday (12 hours). The schedule for the current academic year is listed on the Change Management Calendar at <http://cm.service.emory.edu>. Not every service undergoes maintenance every month. Specific service outage timeframes are listed on the Change Management calendar.



Mission critical services may be designed to remain operational during maintenance periods, although this arrangement typically incurs additional cost. UTS can provide quotes for this premium service as requested.

At times, a mission critical service or infrastructure component may require an exception to the standard maintenance schedule. The maintenance agreement for this service is:

- Standard UTS monthly maintenance window
- Quarterly maintenance
- Other: _____

Service Changes

There may be times when you request new capabilities or other changes that are intended improve the service. All service changes (except for emergency situations) must be scheduled through the UTS Change Management process, described in Attachment B. Emergency changes are those required to restore the service to normal operations, such as dealing with an outage. These are executed as quickly as possible, without the need for a Change Review Board approval.

Availability Target

As a Tier 3 service, target availability of Search is 98.5%.

Service Level Reporting

UTS will gather the information on regular intervals and will consolidate the results into reports that are shared with the customer on a regular basis. Service Level Reporting is important to provide regular open communications with the customer, identify areas of improvement, agree upon any corrective plans, and generally review and align the service with the customer and business requirements. The reporting cycle for this service is as follows:

- Monthly
- Quarterly
- Annual
- Other: _____

Service Performance Review

This document will be reviewed and amended based upon mutual agreement on an annual basis. This review will include updates to service level targets, effective dates, costs, and other specific items as required. The Business Relationship Manager is responsible for providing a service performance review with the customer. Refer to Attachment C for the BRM Assignment Matrix.

Service and Support Requests

The customer may request a service, modify an existing service, or report a non-critical incident by directly entering their request at <http://help.emory.edu> or by calling the UTS Service Desk at 404-727-7777. Additionally, the customer may also view and check on the status of their request at this location. The Service Desk is staffed to respond quickly to customer requests and escalate to the appropriate team to restore to normal service as quickly as possible.

All service requests are addressed during normal business hours (Monday-Friday, 8:00 am – 5:00 pm, excluding holidays). Refer to Attachment D for the list of requests and their associated response times for Google Search.

Incident Response Times

An Incident is any disruption to the normal operation of a service. UTS will accept and resolve incidents as defined in the UTS Incident Management process included in Attachment E. The standard UTS Incident



Response Service Level Agreement targets apply to services provided within this agreement. The response time targets are based on the priority assigned to the incident in the UTS IT Service Management System.

Contact Points & Escalation

The primary contact points for the service are listed in the table below. These contacts will be notified by the UTS Service Desk as depicted in the Escalation Procedure when responding to service outages or other critical service impacts.

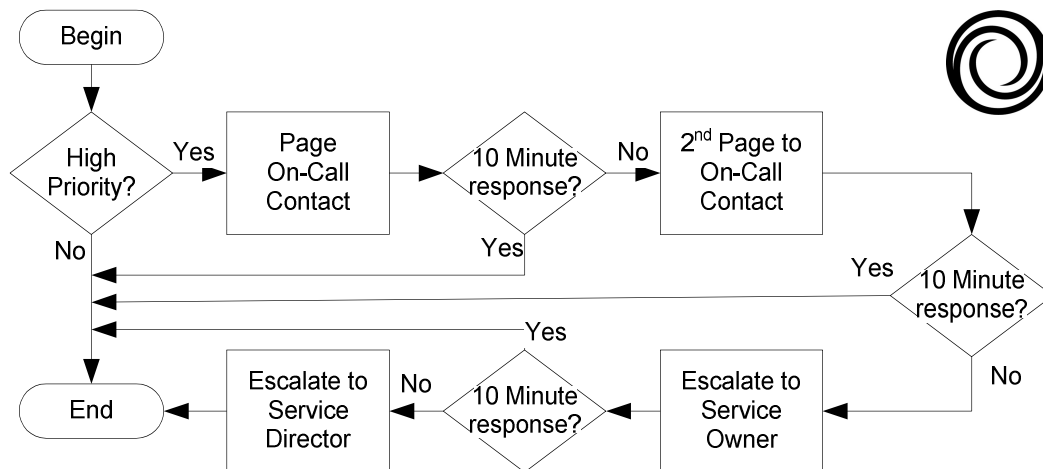
UTS Escalation Contacts

Role	Contact	Phone (Desk & Mobile)	Email
Service Owner/ Mgr	Lee Clontz	404-727-5440	Lclontz@emory.edu
Director	John Ellis	404-727-4871	John.ellis@emory.edu

Escalation Procedure

The escalation process is managed by the UTS Service Desk. The customer may also escalate as needed by contacting the Service Desk or Service Owner as listed in the UTS Contacts to provide the necessary visibility and management attention to critical issues.

The following flow diagram depicts the workflow used when a service incident is not following the standard guidelines for resolution according to service tier and priority. The Service Desk monitors incidents for timelines and service levels and may escalate an incident when it is in jeopardy of exceeding its SLA for response time or resolution time.



Cost of Service

The costs of many UTS services are met through the University allocation model. Some services with a delimited user base also have an additional cost.

- All costs paid through the standard University allocation model
- Additional costs are assessed for this service



Approval

Name	Title	Date	Signature
Lee Clontz	Service Owner		
Jeff Fennell	Business Relationship Manager		
John Ellis	Director, Integration		
Brett Coryell	Deputy CIO		
			Document Version: 1.1 Effective Date: 09/01/09

Attachment A – Availability

The availability target of this service is a measure based on SIR (Service Incident Request) Reports.

Attachment B - Change Management

The UTS Change Management procedure is described in the document posted at: <http://it.emory.edu/itil-change>

Attachment C – BRM Assignment Matrix

Sheila Ackie	Tina Crum	Jeff Fennell	Val LaManna	Carol Livsey	Hans Sarju
EUH	President	WHSCAB	EVP F&A	College	EHc IS
Midtown	Provost	SOM	Finance	Law	UTS
Wesley Woods	General Counsel	SON	HR	Graduate School	Security
TEC	Communications	SPH	Investment	B-School	R&HS
	DAR	Yerkes	Audit	Theology	
	Campus Life		Campus Services	Oxford	
	Affiliates		Research Admin	Libraries	

Attachment D – Service Requests

Service Request	Target*	In Scope	Out of Scope
Request a new Google Catalog	2 days	Create search catalog in Web interface	Custom content formatting
Create a new user accounts	2 days	Create new user with local password	Creating new administrator accounts
Create a new content overlay (header and footer)	5 days	Add customer-provided code to wrap results in custom template	Modification of Search result formatting

*Note: Response times are normal business days M-F, excluding Emory holidays

Attachment E – Incident Management

The UTS Incident Management procedure is described in the document posted at: <http://it.emory.edu/itil-incident>



The following checklist must be completed before the SLA is forwarded for approval.

Reviewed by: Initial/Date

Service Operations Manager: FR/10-29-09

Business Relations Manager: JEF /10-21-09

Service Owner: LC/10-28-09

Director ITSMO: KJ/11-13-09