

Sub-Terrain Asset Management System



The STAMS Application by Next Generation, Inc is based on an open framework designed to support the “Call Before You Dig” program which is a consortium of utilities and government agencies responsible for issuing roadway construction permits. STAMS also supports and integrates with Joint Utility Location Information for Excavators (JULIE).

The Location Request process of the Right of Way effort is manual and labor intensive. Prior to being granted a permit to do work on public or private property, a location request must be submitted to determine if a utility or gov-



ernment municipality asset could be impacted by the proposed construction.

Next Generation has responded to this need by providing a web-based automated and traceable solution for the Location Request process life-cycle. The application automates the user registration process and encompasses the creation, follow-up and archiving of all location requests as well as

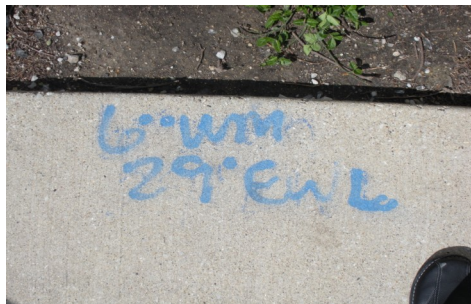
all field inspection requests, field meetings with the impacted utilities and the notification of damage to the asset so an immediate inspection and remedy can be initiated by the contractor responsible for the accident. This process is referred to as “Hit Management”. A key benefit of the Next Generation solution is the integration with existing Geographical Information Systems (GIS) as well as de-

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markation points associated with the roadway STAMS supports both messaging and service oriented architecture (SOA).

The fundamental architecture of STAMS is modular, distributed therefore it easily integrates with other enterprise applications such as permit purchase and issuance, field crew scheduling and purchasing applications. A feature technology is the automated electronic routing of the re-



NEXT GENERATION, INC.

111 South Wacker Drive
Suite 3330
Chicago, IL 60606

Phone: 312-739-0520
Fax: 312-739-0523
E-mail: info@nxtgeninc.com
www.nxtgeninc.com

UTILITY/TYPE OF PRODUCT	IDENTIFICATION COLOR
Gas, oil, steam or petroleum	Yellow
Electric	Red
Communication, telephone, TV	Orange
Potable water	Blue
Sewer and drain lines	Green
Reclaimed water	Purple
Temporary survey	Pink
Proposed excavation	White Black on snow

quests as determined by the work flow process of the individual client. This is important because it eliminates the need for manual intervention in the approval process and supports a paperless solution.

Due to the modular design of the application it can be utilized to address only the Location Request / Site Inspection as a standalone application or it can integrate into a major Right Of Way enterprise application which may already be in place within the technological framework of the agency or utility.

Although the application is designed to support major thoroughfares and commercial projects it is easily adaptable for utility location requests and inspections and for private residential construction.

Site Check Summary
*Click on record to View Details

SCH#	Contract#	BID#	Status	Date Submitted	Last Action Date	Date Due	Work Type	Work Address	JFM
10	None	None	Marked In Field	2/27/2009	4/30/2009	3/4/2009	ADDITION TO HOME	Blue Line: O'Hare to Rosemont	Yes
13	None	None	Approved	2/27/2009	2/27/2009	3/4/2009	ADDITION TO HOME	Blue Line: Harlem to Jefferson Park	
25	None	None	Approved	3/2/2009	3/2/2009	3/7/2009	ADDITION TO HOME	111 S Wacker Dr, Chicago, IL 60606, USA	Yes
28	None	None	Expired	3/3/2009	3/3/2009	3/8/2009	ADDITION TO HOME	111 S Wacker Dr, Chicago, IL 60606, USA	
31	None	None	Approved	3/4/2009	3/5/2009	3/9/2009	ADDITION TO HOME	111 S Wacker Dr, Chicago, IL 60606, USA	
34	None	None	Approved	3/5/2009	3/5/2009	3/10/2009	ADDITION TO HOME	111 S Wacker Dr, Chicago, IL 60606, USA	
37	None	None	Pending	3/5/2009	3/5/2009	3/10/2009	ADDITION TO HOME	102 S Wacker Dr, Chicago, IL 60606, USA	Yes
40	None	None	Marked In Field	3/5/2009	3/5/2009	3/10/2009	ADDITION TO HOME	400 N La Salle Dr, Chicago, IL 60610, USA	Yes
43	None	None	NewRequest	4/21/2009	4/21/2009	4/26/2009	ADDITION TO HOME	111 S Wacker Dr, Chicago, IL 60606, USA	
46	None	None	NewRequest	4/21/2009	4/21/2009	4/26/2009	ADDITION TO HOME	111 S Wacker Dr, Chicago, IL 60606, USA	

Buttons: Create Site Check, Logout

Site Check Details

Site Check No.	43
Contract No.	None
BID No.	None
First Name	Vladimir
Last Name	Krenzel
Telephone	123-123-1234
Email Address	vkrenzel@nxtgeninc.com
Status	Approved
Date Submitted	4/21/2009 10:36:40 AM
Date Due	4/26/2009 10:36:40 AM
Last Action Date	4/21/2009 10:36:40 AM
Distance	
Work Type	ADDITION TO HOME
Location	ENTIRE FRONT OF PROPERTY
Boring or Drilling?	Yes
Digging Deep than 7 Feet?	Yes
Pre-Marked Area?	Yes
Digging Within 100 Feet of Railroad?	Yes
Remarks	
Work Address	111 S Wacker Dr, Chicago, IL 60606, USA
Work Marker Coords	POINT(41.8801478, -87.6370874)
Request Type	0

Link: Edit Site Check Request