

SECOND SUMMIT OUTLINE - FINAL

ALLIANCE FOR BUILDING REGULATORY REFORM IN THE DIGITAL AGE

**SECOND SUMMIT ON STREAMLINING THE BUILDING REGULATORY
PROCESS THROUGH INTEROPERABILITY**

September 14, 2004
Fairfax County Government Center
Fairfax County, Virginia

COSPONSORS: Alliance for Building Regulatory Reform in the Digital Age; U. S. Department of Housing and Urban Development; National Institute of Standards and Technology; Association of Major City & County Building Officials; National Conference of States on Building Codes and Standards; Fairfax County, Virginia; New York City, New York; Commonwealth of Virginia and State of Maryland

SUMMIT OUTLINE:

OBJECTIVE

The purpose of the Second Summit is to:

- Speed the development of technologies and requirements needed to advance the creation of a state-of-the-art integrated and interoperable building regulatory system by
- Bringing together software industry, building regulatory officials and the construction industry to:
 - share progress that has been made and review work products produced after the first Summit;
 - identify remaining barriers to an integrated and interoperable building regulatory system; and
 - gain consensus and set future work agenda items to create the additional technologies and requirements needed to create a state-of-the-art integrated and interoperable building regulatory system.

TUESDAY, SEPTEMBER 14, 2004

Time	Topic	Activities and Key Concepts
8:30	Registration	Registration & Continental Breakfast
9:00	Welcome statement	Jack Proctor, VA Stephen Garnier, Fairfax Co. James Hanna, MD

Welcoming remarks will stress the importance of the construction industry and streamlined codes administration and enforcement to state and local governments and the unique role that the information technology community plays in supporting them.

The purpose of the Second Summit will be reviewed.

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9:15 Review of Summit Agenda
 Speaker: Robert Wible

9:25 Update of Alliance Activities & Overview of CD-ROM of Work Products
 Developed after NYC Summit
 Speaker: Robert Wible, NCSBCS Executive Director & Alliance Secretariat

Copies of the CD-ROM issued to the nation's governors, mayors and counties will be distributed and reviewed by NCSBCS Executive Director. In the review, the following Alliance products developed as a follow up to the New York City Summit will be shared with attendees:

- Model Procurement Requirements with Interoperability Statement
- Model Streamlining Enabling Legislation and Streamlining Processes
- Update listings on Information Technology hardware and software now on the Alliance portion of the NCSBCS website
- Listing of High Priority Use Cases and User Functionality Priorities
- HUD-funded cost/benefit matrix for homebuilders and jurisdictions to document savings from use of information technology in codes administration and enforcement
- Draft criteria for federal funded matching grants to state and local governments to streamline their building regulatory process
- PowerPoint presentation summarizing Alliance activities and benefits to communities and housing industry from regulatory streamlining
- Outline of information data exchange points in model regulatory processes
- Results of Alliance/NCSBCS/AIA funded survey of online plans submittal, tracking and review.

Presentation will close with overview of next steps for the Alliance and what the Alliance proposes to do with output from the Second Summit.

Next Steps include:

- Publishing report on Second Summit including barriers identified and steps to overcome them.
- Holding in Salt Lake City, UT, on September 30 of the Fourth National Forum on Building Smarter in the Digital Age and release of outcome of Summit.
- Formation of an IT industry, state/local government and construction industry work group to address barriers identified at Second Summit.
- Completion of work undertaken by Information Technology Industry Advisory Subcommittee to develop XML schema for online permitting and plans submittal software.
- Working with federal agencies and private sector to identify funding for matching grants to state and local governments for streamlining their building regulatory processes through the effective use of information technology.

10:00 How Interoperability Helps Building Departments Work More Effectively and Efficiently
Speakers: Gary Basin, Oregon Department of Consumer and Business Services
Stephen Garnier, Codes Enforcement Coordinator, Fairfax County, VA

Speakers will address the following issues from their specific experience in applying information technology to their state and local government building regulatory programs:

- How Interoperability can help your permitting system work with other departments.
- How interoperability makes permitting and inspection systems more accessible for smaller jurisdictions.
- How to leverage major jurisdictions needs to demand interoperability from hardware and software being procured.

Gary Basin will describe the Oregon Building Code Division Online Pilot Project and Stephen Garnier will describe Fairfax County's I.T. initiative to integrate databases across zoning, land use and codes administration and enforcement programs.

Speakers will review in detail the Alliance's model procurement requirements for hardware and software and encourage state and local governments to use those guidelines in their future procurements.

At the end of their presentations, time will be set aside for questions from the audience and answers by the speakers.

10:30 Keynote Address Dave Engel, HUD
Office of Policy Development & Research

What an Integrated and Interoperable Building Regulatory Process will look like and what it will do for government, construction and information technology communities and consumers.

This opening address sets the framework for the Second Summit. It builds upon the vision presented at the first summit in New York City. The importance of interoperability and

regulatory streamlining to the nation's housing and other construction industries will be emphasized along with benefits to enhanced public safety and the overall economic competitiveness of the nation.

The relationship of this Alliance project to other HUD projects to support effective uses of information technology will be addressed.

The cost/benefits of interoperable hardware and software to state and local governments and the construction industry will be stressed.

11:00 Information Technology Industry Advisory Subcommittee Presentation on Industry Efforts to Develop XML Schema for Online Permit Process, Uniform Addressing
Speakers: Paul Watkins, MobileHWY, LLC, Chair
Babs Sachdeva, Ramsafe Technologies, Vice Chair

One of the major recommendations to come out of the first Summit (New York City, September 24, 2003) was that the information technology industry be provided a venue through which hardware and software firms can come together to explore the development of uniform XML schema for industry-wide and adoption and use in the development, adoption and use of their products by state and local governments in their building regulatory processes.

In October of 2003 at the Third National Forum on Building Smarter in the Digital Age (Portland, Oregon), representatives from the I.T. community requested that NCSBCS establish a subcommittee that would provide such a home for the hardware and software industry to come together to address the above need.

In response to that request, in November 2003 NCSBCS established the Information Technology Industry Advisory Subcommittee to the NCSBCS Regulatory Affairs Committee. The Mission Statement of the Subcommittee is to:

“Provide a venue through which the nation's information technology industry can work together to provide input to state and local governments identifying actions to overcome barriers to the effective and efficient use of information technology in the nation's building regulatory process.”

From December 2003 through the summer of 2004, the ITIA Subcommittee has come together to work on two major projects that will be reported on during this portion of the agenda:

1. The Development of XML Schema for online permit processing.
2. The development of uniform addressing system for state and local governments and software industry to use.

In their presentation, the above two work products will be covered as well as a “proof of concept” demonstration be given as to how interoperability can be achieved.

12:30 - 1:15 LUNCH (A box lunch will be provided to all attendees and attendees will be given opportunity to network.)

1:30 Additional Technologies & Requirements to Achieve Integrated & Interoperable Building Regulatory Processes in the Nation
Speakers: Mark Topping, Deputy Commissioner of Buildings for Administration and Technology, New York City
Representative from National Institute of Standards and Technology

While the morning of the Second Summit focused on “what’s been done” since the first Summit held in New York City last year, the afternoon will focus on “what needs to be done” to build upon the accomplishments of this past year and speed the nation towards achieving the integrated and interoperable building regulatory system that is desired by state and local governments and the nation’s construction community.

The two speakers for this session will offer their vision of what the next steps that need to be achieved are and set the stage for the next session in which the audience is engaged in the identification of barriers to and solutions to industry and government working together to speed the development and implementation of the above integrated and interoperable system.

2:00 What Are The Barriers to Fulfilling that Vision? What Steps Can Be Taken to Overcome Those Barriers? - Discussion Session
Facilitators: Tom Teague, Protesoft & Robert Wible, NCSBCS

This session gets at the heart of the Second Summit’s overall objective – the identification of barriers to and solutions for speeding the development of a state-of-the-art integrated and interoperable building regulatory system for our nation.

The two facilitators for this session will lead a general discussion with the audience to identify in sequence barriers facing the information technology industry, the construction community and lastly state and local government.

Following the identification of such barriers, the attendees then will be invited to assist in the identification of approaches towards or solutions for each of the identified barriers.

Barriers to Information Technology Industry – Leader: Tom Teague

Barriers to Construction Industry – Leader: Tom Teague

Barriers to Government – Leader: Robert Wible

Approaches/Solutions towards Overcoming the Above Barriers: Tom Teague & Robert Wible

4:00 Discussion & Setting Next Steps for the Alliance & I.T. Community to Support Further Development of the Integrated and Interoperable Building Regulatory Process
Discussion Leaders: Mark Topping, NYC; Dana Bres, HUD; Robert Wible, NCSBCS

This is the closing session of the Second Summit. During this session, the discussion leaders will extract from the previous session's listing of barriers and solutions the items that can shape the next steps for the Alliance.

This will help shape the Action Agenda for the Alliance for the remainder of 2004 and all of 2005.

This session will close, as did the first Summit, with a call for attendees to commit to working with the Alliance over the coming year to implement the Next Steps that are identified and around which a consensus for action has been generated.

Among possible Next Steps that may emerge from the Second Summit are:

- Assisting state and local governments in use of the Alliance's NASCIO endorsed Model Procurement Requirements for purchasing information technology to use in their building regulatory processes.
- Supporting the Information Technology Industry Advisory Subcommittee's completion of their work on XML schema for online permit processing and their uniform addressing project.
- Supporting the ITIAS development of XML schema for other online regulatory processes (plans submittal, field inspections, etc.)
- Identification of funding sources to support above XML schema development and funding for matching grants to state and local governments to implement regulatory streamlining.
- Identification of additional technologies, requirements, resources and time frames to develop them.

5:00 THANK YOU AND CLOSING OF SECOND SUMMIT

Representing all of the Second Summit Sponsors: Stephen Garnier, Fairfax County and James Hanna, Maryland, will close the session by expressing their appreciation for everyone's input and shaping of the Summit's recommended Next Steps for the Alliance.