simplified construction



flexible

quality

maintainable

customizable

How do we CREATE the HOME of the FUTURE?

New innovations and a faster pace of life mean that homes built even ten years ago may not meet our needs today. We have less time to spend maintaining our homes and yards. Yet, our homes remain an important part of our American culture—a reflection of who we are, our safe haven, our financial success, our greatest investment. The PATH Concept Home uses technological innovation with an eye to affordability to show us how to face change and create homes that meet our needs as individuals.

> David Engel Partnership for Advancing Technology in Housing

It starts with a **CONCEPT** that is translated into a **DESIGN**

American homeowners want high quality, affordable, flexible housing. Builders need solutions to reduce cycle time and the impact of the ongoing skilled labor shortage. Manufacturers and architects are interested in producing innovative

products and designs, but they need to see the demand.

The PATH Concept Home brings this together. Through market research we identify needs. Technology scanning and R&D helps us to identify building systems to meet these needs.

The PATH Concept Home offers a flexible design approach that utilizes innovation to allow owners to customize their home to meet their needs and budget even if these change over time.

Meet some families and their PATH Concept Homes . . .







Meet Michael and Emily, a recently married young couple, who purchased a home downtown so that they could easily commute to work and enjoy the restaurants and nightlife the city has to offer. Emily works at a start-up biotechnology company and Michael works for the local government. They both frequently bring work home. They take public transportation to work and only have one car for their expeditions to the suburbs for serious shopping. When they find out that Emily is pregnant with their second child, they realize that they need more space and amenities for the kids. So, they decide to move to a nearby suburb. We'll see them again later.



Tom and Clare just moved from the local suburbs where they raised their children. They always wanted to live in the city and enjoy all of the amenities it has to offer. Tom is retired, but Clare continues to enjoy work since she took time off to raise their children. She works at a small non-profit organization just outside the city. They own one car for Clare's reverse commute. Tom and Clare are very active now, and they plan to age-in-place in their urban townhouse.



Attached Home

"The organizing principle for my project was to divide the house into two distinct zones: the service area and the served area. The majority of the building systems are contained in the spatially efficient service zone. This frees the served zone for complete flexibility of use and adaptation to changing needs over time."

—Mark Bombaugh, Torti Gallas and Partners



Attached Home

Joe and Carla, like most Americans, choose to live in the suburbs. They purchase their first home in a new planned community. They love the community for its rich diversity. Carla is a first-generation American. Her family moved to the United States from the Philippines when she was just one year old. Much of her family lives in other nearby suburban communities. Joe and Carla also like the community because they can walk to schools, parks, shops, restaurants and the grocery store. They have three children, aged one, three and six.

Joe & Carla





Remember Michael and Emily? When they learned they were pregnant with their second child they moved to the suburbs where they would have more space and amenities.

Detached Home

"This PATH Concept Home is designed in a traditional, Arts and Crafts style that could adapt to either New Urbanist or conventional 50' wide subdivisions. The 2,200 square foot home could be substantially reduced in size without seriously changing the amenities. One key design element is the flexible floor plans. The plan responds to a growing family by allowing the later finishing of second story spaces, especially the playroom/bedroom over the garage. Elevator space and visitability features anticipate aging-in-place needs, or may serve the needs of a disabled family member."





CREATING the HOME of the FUTURE. through INNOVATION.

The PATH Concept Home allows you to customize your homes to meet your clients' needs and budgets—even as they change over time.

"The PATH Concept Home demonstrates how to incorporate innovations that improve housing and positively impact the quality of my customers' lives."

> — Fernando Pagés Ruiz, Brighton Construction, First PATH Concept Home Builder

Detached Home

INNOVATION Improves Housing

The PATH Concept Home showcases the best ideas and innovations from industry leaders. Technology Reports on PATH Concept Home Principles provide an in-depth look at the innovation technologies, advanced materials and improved production processes that serve as the foundation for the PATH Concept Home.

The Partnership for Advancing Technology in Housing (PATH) is a public-private partnership, supported by HUD, that seeks to improve the quality and value of America's housing by accelerating the use of innovative technologies.



To learn more or get the latest information on the PATH Concept Home, visit www.pathnet.org/concepthome (301) 889-0017