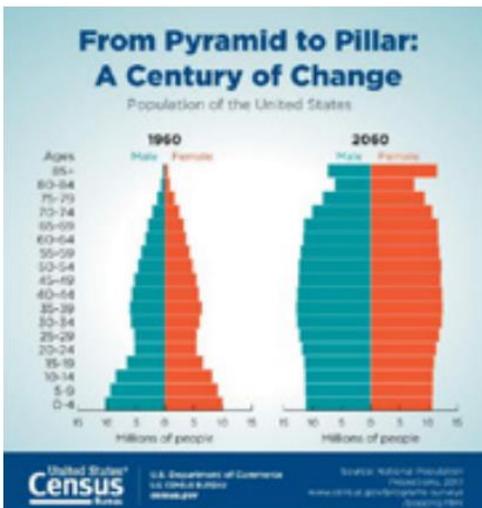


Aging in Place Working Group Introduction

By: Sudheer Dharanikota PhD, MBA, Managing Director, Duke Tech Solutions

Cable's fiber-rich networks are available to over 90 percent of U.S. homes. More than two-thirds of America is now online, taking advantage of all the opportunities the Internet offers. SCTE•ISBE, as a premier technology society focused on the cable industry, is looking to assist cable operators in bringing the healthcare and telecom industries together. SCTE•ISBE has launched multiple inter-industry initiatives, such as aging in place (AIP), to provide a forum for cable operators and vendor partners.



By 2034, the elderly population (above 65 years of age) will outnumber children (below 18 years of age). In the US by 2060, the Census Bureau projects that there will be 95 million people who are above 65 years of age. Such changing demographics are creating significant stress to the healthcare system while fostering inter-industry innovations. Aging in place is the concept of elders who prefer to live at home in their community with a level of independence without burdening their family. Our charter is to address such needs from a cable industry's perspective.

We understand for AIP to be successful, different industries and stakeholders need to come together with the clear goal to increase the access to, and reduce the cost of, services that will improve the livelihood of the aging population. Some of these industries include – healthcare ecosystems, broadband providers, solution providers, real estate developers etc. Some of the stakeholders to be integrated in this solution include – elder population, care providers, hospitals, solution providers, supporting family etc. SCTE•ISBE is in the process of bringing them all together to make the AIP offering more attainable and the best in class. Our deliverables include – prioritized

business requirements, survey of best in class solutions, high level business case, repertoire of end to end solutions, and potentially validate these solutions.

As part of this initiative, we are bringing experts from different industries to contribute to the SCTE•ISBE Aging in Place working group. We have 40+ active members who are providing cable industry, policy and vendor perspectives. We look forward to your active participation in this exciting collaboration between Telecommunications and Healthcare industries. [Join here.](#)

[Learn more at scte.org/standards.](https://scte.org/standards)

DTS is actively contributing to SCTE-ISBE

Congratulations SCTE-ISBE standards group for reaching an important milestones, 25 years of significant global impacting contributions to the telecommunications industry. Duke Tech Solutions (DTS) welcomes the opportunity to assist the cable industry through SCTE from the beginning of 2020. Many of our team members are actively participating in different working groups. Here are their thoughts.



Even as new working groups under SCTE, Aging in Place (AIP) and Telemedicine have generated fruitful conversations and energy. From the inception of the groups in Mid-March, we have had different industry professionals engaging in speaker series that bring thought leadership from the health insurance industry, various telemedicine markets, and the construction industry. As the group moves forward, we are lining up other experts within the policy sector, pharmacy industry, and beyond. These groups are going to assist the cable industry in making a significant positive difference to the looming healthcare problems.

Sudheer Dharanikota, *Chairman for Aging in place and Telemedicine working groups, Contributing member for AI/ML working group*

One of the many positive effects the speaker series have had is directly connecting the inter-industry experts to cable industry leaders with the possibility of product prototyping. In parallel, we are using the knowledge gained from these industries to develop business requirements and business cases for both AIP and Telemedicine working groups. We highly encourage other professionals to engage in these energetic conversations. Reach out to us if you want to know more details.

Ayarah Dharanikota, *Contributing member for Aging in place and Telemedicine working groups*



The demands on our healthcare system are projected to crescendo very soon with the aging baby boomer generation. Establishment of rules for healthcare provision in the "home" to facilitate aging in place is a critical societal need. The AIP and TM working groups are bringing all stake holders (consumers, providers and supporters) to the table to ensure capture of requirements, development of meaningful business cases and solutions. **Garima Kamo**, *Contributing member for Aging in place and Telemedicine working groups*

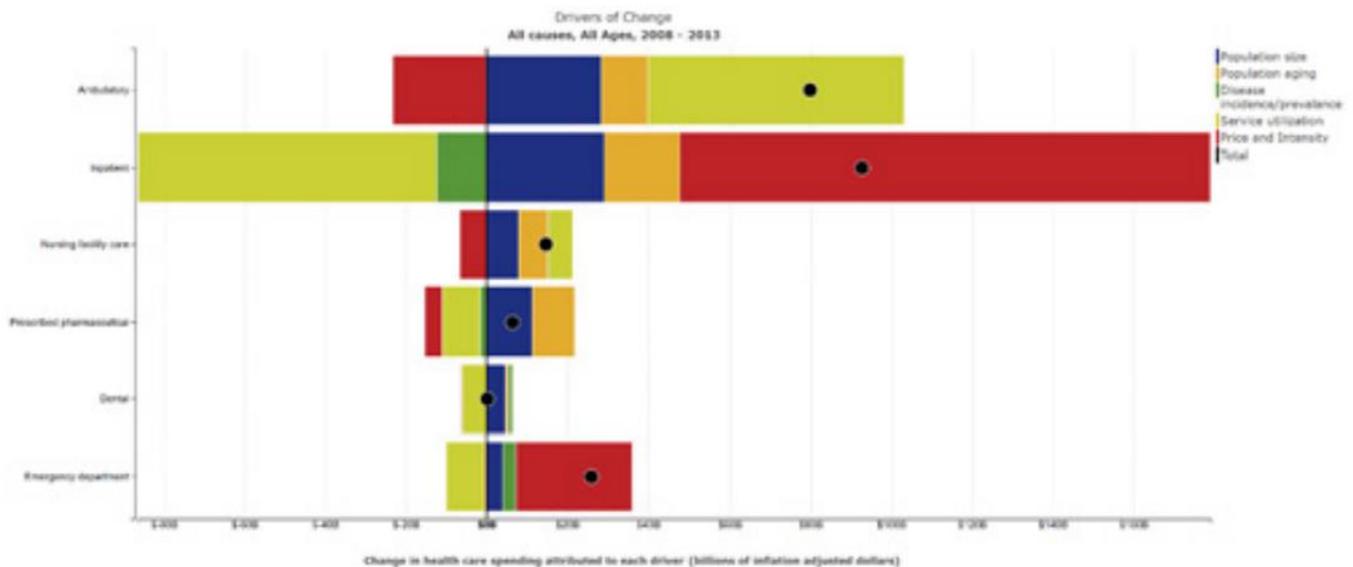
The emerging IoT technology is generating a lot of interest across all industries, and Cable is no exception. The SCTE IoT group is helping drive IoT applications for the Cable industry. The group's charter is to focus on making standards and operational practices deployable and manageable for service providers, to facilitate communication between service providers and industry partners to standardize new IoT based services, and to identify and adapt use cases available in the IoT community to service provider's business objectives. It has spun off multiple other groups such as Smart Cities, AIP and TM. **Rajesh Abbi**, *Vice Chairmam for IoT working group; Contributing member for SCTE Energy 2020 working group*



Telemedicine Working Group Introduction

By: Sudheer Dharanikota PhD, MBA, Managing Director, Duke Tech Solutions

Cable’s fiber-rich networks are available to over 90 percent of U.S. homes. More than two-thirds of America is now online, taking advantage of all the opportunities the Internet offers. SCTE•ISBE, as a premier technology society focused on the cable industry, is looking to assist cable operators in bringing the healthcare and telecom industries together. SCTE•ISBE has launched multiple inter-industry initiatives, such as telemedicine, to provide a forum for cable operators and vendor partners.



More than 50% of the drivers of change for the healthcare spending is attributed to price and intensity. This amount to ~\$130 billion increase from 2008 to 2013, which is approximately a year-over-year healthcare cost increase of 2.2%. Such constant increases in cost is not sustainable for the US economy. There are many initiatives that are in progress to contain these costs. Telemedicine is one such initiative, where technology is used to revolutionize the healthcare industry. Cable operators are uniquely positioned to make a difference with their customer relationship management, fulfilment, and service capabilities.

For cable operators to provide compelling telemedicine solutions, they need to bring healthcare ecosystems, solution providers, real estate developers etc. together. SCTE•ISBE is in the process of bringing them all together to make the telemedicine offering more attainable and the best in class. Our deliverables include – prioritized business requirements, survey of best in class solutions, high level business case, repertoire of end to end solutions, and potentially validate them.

As part of this initiative, we are bringing experts from different industries to join the SCTE•ISBE Telemedicine working group, to work with like-minded people focused on making this a successful and mutually beneficial venture. At present we have 35+ active members who are providing cable industry, policy and vendor perspectives. We look forward to your active participation in this exciting collaboration between the telecommunications and healthcare industries. [Join here.](#)

Learn more at scte.org/standards.