

# Smart Home as a Service (SHaaS)

Market Map + Product Development Strategy



YITR



# Project Background

##### is designing a service to help people seeking to adopt and integrate “smart home” devices

Delivery of this service requires a knowledgeable, responsive and engaging workforce

Zylter is conducting market analysis to help ##### identify and compare various service delivery options

## Key Smart Home Device Categories:

<b>LIFESTYLE</b>	<ul style="list-style-type: none"><li>▪ Amazon Echo Wall Clock</li><li>▪ Google Chromecast</li><li>▪ Video-to-device</li><li>▪ In-Home Robot Assistants</li></ul>
<b>SECURITY</b>	<ul style="list-style-type: none"><li>▪ August Smart Lock</li><li>▪ Cori HD Security Camera</li><li>▪ Ring Video Doorbell 2</li></ul>
<b>ENERGY</b>	<ul style="list-style-type: none"><li>▪ iHome</li><li>▪ Outdoor lighting control</li><li>▪ Philips Hue Lights</li><li>▪ TP-Link HS105 Smart Plug</li></ul>
<b>COMMUNICATIONS</b>	<ul style="list-style-type: none"><li>▪ Google Home</li><li>▪ Amazon Alexa Echo Plus Apple Home Pod</li></ul>
<b>ENABLING INFRASTRUCTURE</b>	<ul style="list-style-type: none"><li>▪ Google Assistant Connect</li><li>▪ Alexa Gadgets Toolkit</li><li>▪ Google Home Hub</li></ul>

# Our approach for guiding Smart Home service design

Zylter Tech Scouting + Assessment Process	
0	A Compelling Commercial Technology Application
1	Identify ##### Impact Points
2	Understand + Define the Sociotechnical System Use Case(s)
3	Design the Approach + Framework
4	Collect Data + Information
5	Conduct Analysis
6	Develop + Deliver Actionable Recommendations
7	Guide Recommendation Implementation + Execution



## ##### vision for Smart Home as a Service |

An accessible, technology-agnostic platform supported by capable and engaging staff to facilitate Smart Home solution adoption, financing and connection to verified device providers.

### Market Need |

*The smart home will probably introduce the next technology revolution, but has not yet met its potential, as **choosing devices with the right functionality and communication protocols to create an individualized smart home ecosystem is often too complicated for the casual consumer.** (Embedded Computing Design, 2016)*

# Market analysis questions to inform service design

Zylter Tech Scouting + Assessment Process	
0	A Compelling Commercial Technology Application
1	Identify ##### Impact Points
2	Understand + Define the Sociotechnical System Use Case(s)
3	Design the Approach + Framework
<b>4</b>	<b>Collect Data + Information</b>
5	Conduct Analysis
6	Develop + Deliver Actionable Recommendations
7	Guide Recommendation Implementation + Execution



## Key questions for subject-matter experts:

<b>BUSINESS</b>	<ul style="list-style-type: none"> <li>What is your company's general role in the home device and installation space?</li> </ul>
<b>WORKFORCE</b>	<ul style="list-style-type: none"> <li>What are the key knowledge, skills and abilities required for your field workers?</li> <li>How do you go about finding or training the people you need?</li> </ul>
<b>CHALLENGES</b>	<ul style="list-style-type: none"> <li>What do you see as the key issues or challenges with current home installation services (cable, security, internet, device installation, etc.)?</li> </ul>
<b>MARKET OPPORTUNITY</b>	<ul style="list-style-type: none"> <li>What opportunities do you see in emergence of smart home technology?</li> <li>What are the key features of the service needed to address these opportunities?</li> </ul>
<b>MARKET SELECTION</b>	<ul style="list-style-type: none"> <li>What are the key factors you consider when looking at areas to expand to?</li> </ul>



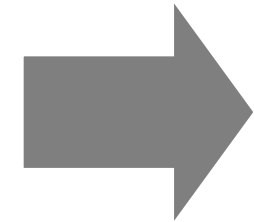




# STEP 3 | SHaaS User Personas + Solution Use Cases

**Purpose** | Provide descriptive and contextual information required for assessment and prioritizations of user groups to address

**Outcome** | A set of user profiles to solicit feedback required for ##### market assessment and service design.



Affluent  
Nester  
45-64 yrs

Social  
Climber  
25-44 yrs

Urban  
Dweller  
25-34 yrs

Family First  
25-44 yrs

Traditionalist  
45-64 yrs

Service  
Worker

# User Segmentation for SHaaS market analysis

**📖 Traditionalist**

~\$35K per year

**45-64 years old**

Big box/home improvement stores

**Single family**

**Suburban/rural**

Single/married with no children in house

**🏢 Urban Dweller**

~\$40K per year

**25-34 years old**

Service providers/online retailers

**Apartment**

**Urban**

Single/married with no children in house



**👶 Family First**

~\$40K per year

**25-44 years old**

Online retailers/service providers

**Single family**

**Suburban**

Married with 1-2 kids

**☀️ Affluent Nester**

~\$75K per year

**45-64 years old**

Home improvement/service providers

**Single family**

**Suburban**

Married with no children

**📈 Social Climber**

~\$100K+ per year

**25-44 years old**

Direct from manufacturer website

**Single family**

**Suburban/urban**

Married with 1-2 kids

**Affluent Nester**

**45-64 yrs**

**Social Climber**

**25-44 yrs**

**Urban Dweller**

**25-34 yrs**

**Family First**

**25-44 yrs**

**Traditionalist**

**45-64 yrs**

**Service Worker**

Source: McKinsey & Company



# 3.1a | User Persona 1: Affluent Nester



<b>AGE</b>	45-64	<b>KIDS</b>	Not at Home	<b>SERVICE PRESENCE</b>	Digital Mobile
<b>INCOME</b>	75K	<b>PRIMARY SHOPPING</b>	Home Improvement	<b>PRIMARY BRAND</b>	Home Depot
<b>GENERATION</b>	Gen X	<b>SECONDARY SHOPPING</b>	Service Providers	<b>SECONDARY BRAND</b>	Apple & Google
<b>MARRIED</b>	Yes	<b>TOP CONCERNS</b>	<ol style="list-style-type: none"> <li>Value</li> <li>Quality</li> <li>Performance</li> </ol>	<b>SEEK INFORMATION</b>	<ol style="list-style-type: none"> <li>Email</li> <li>Online Search</li> <li>Social Reviews</li> </ol>

**Affluent Nester**  
45-64 yrs

Social Climber  
25-44 yrs

Urban Dweller  
25-34 yrs

Family First  
25-44 yrs

Traditionalist  
45-64 yrs

Gig Service Worker

<b>FEELINGS</b>	<ul style="list-style-type: none"> <li>➤ Responsible Go-Getters</li> <li>➤ Shrewd, Practical, Cynical</li> <li>➤ Feel Made Mistakes with Kids &amp; Tech</li> </ul>
<b>WHAT THEY BUY</b>	<ul style="list-style-type: none"> <li>➤ Primary: Food &amp; Beverage</li> <li>➤ Secondary: Apparel &amp; Footwear, Personal Care, Household Care</li> <li>➤ Luxury Product, travel, food, wine</li> </ul>

<b>APPROACH</b>	<ul style="list-style-type: none"> <li>➤ Reward Loyalty Through Email</li> <li>➤ Appear as industry expert, product tutorials, practical advice</li> <li>➤ Like free delivery, coupons, discounts, easy returns, reviews, loyalty points</li> <li>➤ Receptive to traditional marketing</li> <li>➤ Like to plan</li> </ul>
<b>ADDITIONAL NOTES</b>	<ul style="list-style-type: none"> <li>➤ Most Educated</li> <li>➤ Spend the Most: Make purchasing decisions for Boomers &amp; Gen Z</li> <li>➤ Seeking to stand out, express individuality</li> <li>➤ Facebook &amp; YouTube Primary Social Networks</li> </ul>

# 3.1b | SaaS Use Case 1: *Trustworthy + Complete*

<b>USE CASE</b>	<b>SOLUTION DESCRIPTION</b>	Smooth online experience that enables planning, comparison shopping, social reviews, live-communication, and video demonstrations	TRL 7
			TRL 8
			TRL 9
	<b>USER(S)</b>	Affluent Nesters, Extended Family	
	<b>SERVICE TASKS EXECUTED</b>	Worker Service Tasks - Serve as the expert for informative, on-demand Q&A - Provide luxury offering = well dressed, timely, engaging in-person service	
<b>ORGANIZING STRUCTURE (BUSINESS MODEL)</b>	Online "smart family" systems planning tools and distributed installer selector, video educational content		
<b>OPERATING ENVIRONMENT</b>	Larger suburban and/or remote homes, older infrastructure, mesh-network and retrofit may be necessary		

## EXAMPLE ILLUSTRATIONS (w/ hyperlink)

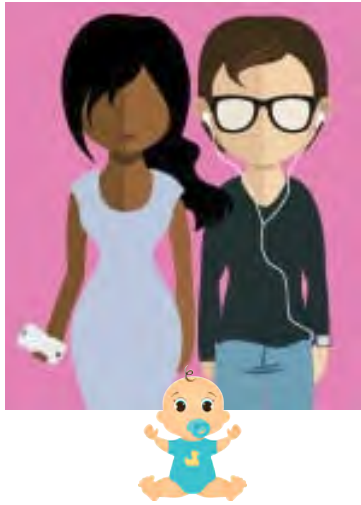
[How IoT Can Connect a Whole Family of Smart Homes Under One Roof](#)



- Affluent Nester**  
45-64 yrs
- Social Climber**  
25-44 yrs
- Urban Dweller**  
25-34 yrs
- Family First**  
25-44 yrs
- Traditionalist**  
45-64 yrs
- Gig Service Worker**

<b>KEY VALUE / IMPLICATIONS FOR #####</b>	<b>Complete family IoT systems planning and management, luxury product &amp; on-demand, communicative service offering.</b>
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# 3.2a | User Persona 2: Social Climber



<b>AGE</b>	25-44	<b>KIDS</b>	Yes	<b>SERVICE PRESENCE</b>	Digital Mobile
<b>INCOME</b>	100K	<b>PRIMARY SHOPPING</b>	Direct from Manufacturer	<b>PRIMARY BRAND</b>	Intel
<b>GENERATION</b>	Millennials (Gen Y)	<b>SECONDARY SHOPPING</b>		<b>SECONDARY BRAND</b>	Apple & Google
<b>MARRIED</b>	Yes	<b>TOP CONCERNS</b>	1. Quality 2. Experience 3. Value	<b>SEEK INFORMATION</b>	1. Social Reviews 2. Physical Stores 3. Numb to Online Ads

- Affluent Nester  
45-64 yrs
- Social Climber  
25-44 yrs**
- Urban Dweller  
25-34 yrs
- Family First  
25-44 yrs
- Traditionalist  
45-64 yrs
- Gig Service Worker

<b>FEELINGS</b>	<ul style="list-style-type: none"> <li>➤ Confident, Optimistic</li> <li>➤ Perceive selves as price conscious, frugal, deal seeking... but still make unplanned purchases</li> <li>➤ Discerning Achievers</li> <li>➤ Health Conscious</li> <li>➤ Worry About Data Online</li> </ul>
<b>WHAT THEY BUY</b>	<ul style="list-style-type: none"> <li>➤ Environmentally friendly, green, organic</li> <li>➤ Seeking authentic experiences vs. tangible products</li> <li>➤ Customizable, Services</li> </ul>

<b>APPROACH</b>	<ul style="list-style-type: none"> <li>➤ Don't care about brands</li> <li>➤ Like to Plan</li> <li>➤ Prefer to try before buy at store - Retailtainment</li> <li>➤ Smooth omnipresent Experience</li> <li>➤ Buy on Smart Phones</li> <li>➤ Understand Tech &amp; Security Concerns</li> </ul>
<b>ADDITIONAL NOTES</b>	<ul style="list-style-type: none"> <li>➤ Sheltered upbringing, perceived by other generations as entitled &amp; pampered</li> <li>➤ Instagram Primary Social Network</li> <li>➤ Happiest in cities and can afford to stay</li> </ul>

# 3.2b | SHaaS Use Case 2: *Integrated + Seamless*

USE CASE	<b>SOLUTION DESCRIPTION</b>	Smooth Mobile-to-Brick & Mortar Experience that enables planning, comparison shopping, and try-before-buy	TRL 7 TRL 8 TRL 9
	<b>USER(S)</b>	Social Climber and Kids	
	<b>SERVICE TASKS EXECUTED</b>	Worker Service Tasks - In-store direct-from-manufacturer experience representatives - Build home system in-store and plan an install date with known rep - Service rep is the customer's touch-point, personalized, social service	
	<b>ORGANIZING STRUCTURE (BUSINESS MODEL)</b>	Pop-up urban service center with product samples to try & compare, manufacturer representatives on-staff (Google and Apple).	
	<b>OPERATING ENVIRONMENT</b>	Apartment/condo & town home tenants push for amenities including, concierge, fitness center, recreational areas, pet care, curated community garden, package room, live/work/play	

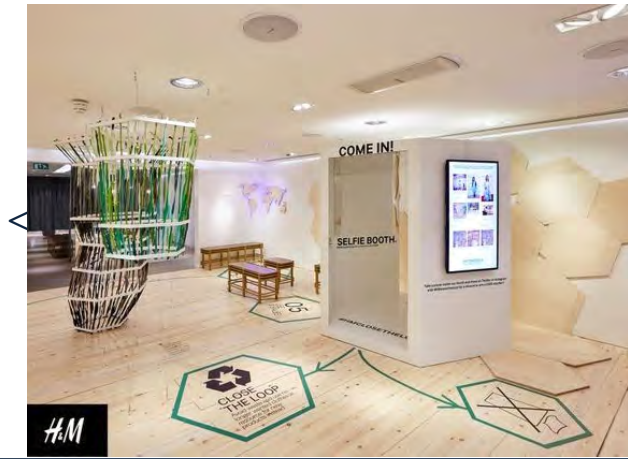
## EXAMPLE ILLUSTRATIONS (w/ hyperlink)

[Amazon Alexa Smart Home Pop-up](#)

Fall 2018



[Pop-Up Shop Layout Tips: How to Design an Unforgettable Experience](#)



**KEY VALUE / IMPLICATIONS FOR #####**

**Personalized, local, social service experience from feature comparison, systems planning, try, to buy, and install.**

- Affluent Nester 45-64 yrs
- Social Climber 25-44 yrs**
- Urban Dweller 25-34 yrs
- Family First 25-44 yrs
- Traditionalist 45-64 yrs
- Gig Service Worker



# 3.3a | User Persona 3: Urban Dweller



<b>AGE</b>	25-34	<b>KIDS</b>	No	<b>SERVICE PRESENCE</b>	Digital Mobile
<b>INCOME</b>	40K	<b>PRIMARY SHOPPING</b>	Service Providers	<b>PRIMARY BRAND</b>	Google & Apple
<b>GENERATION</b>	Young Millennials (Incoming Gen Z)	<b>SECONDARY SHOPPING</b>	Online Retail	<b>SECONDARY BRAND</b>	Amazon
<b>MARRIED</b>	No	<b>TOP CONCERNS</b>	<ol style="list-style-type: none"> <li>Quality</li> <li>Price</li> <li>Novelty</li> </ol>	<b>SEEK INFORMATION</b>	<ol style="list-style-type: none"> <li>Gen X</li> <li>Online/Brand Website</li> <li>Retail Store is Social Activity</li> </ol>

Affluent Nester 45-64 yrs
Social Climber 25-44 yrs
<b>Urban Dweller 25-34 yrs</b>
Family First 25-44 yrs
Traditionalist 45-64 yrs
Gig Service Worker

<b>FEELINGS</b>	<ul style="list-style-type: none"> <li>➤ Aspirationalists</li> <li>➤ Expect an experience</li> <li>➤ Want to know feedback is heard</li> <li>➤ Interaction with brand important</li> <li>➤ Perceive selves as sophisticated, want new</li> </ul>
<b>WHAT THEY BUY</b>	<ul style="list-style-type: none"> <li>➤ Primary: Apparel &amp; Footwear, Personal Care, Household Care, Video Games, Unplanned</li> <li>➤ Tertiary: Food &amp; Beverage</li> </ul>

<b>APPROACH</b>	<ul style="list-style-type: none"> <li>➤ Low tolerance for poor experience quality</li> <li>➤ Straightforward, easy to navigate</li> <li>➤ Mixed reality is cool, eager to try new things</li> <li>➤ Don't plan spending &amp; spend more than planned</li> <li>➤ Receptive to traditional advertising</li> <li>➤ Participate in online communities – seek relationships</li> </ul>
<b>ADDITIONAL NOTES</b>	<ul style="list-style-type: none"> <li>➤ Interest in customization, sustainability, innovation, environment-friendly, organic</li> </ul>

# 3.3b | SHaaS Use Case 3: Tech-Savvy Gig Help

USE CASE	SOLUTION DESCRIPTION	Event-based, social buzz, buy-with-friends, prestige/branded experience with easy-to-upgrade and try new devices/add-ons	TRL 7
			TRL 8
			TRL 9
	USER(S)	Urban Dwellers and Friends	
	SERVICE TASKS EXECUTED	Worker Service Tasks <ul style="list-style-type: none"> <li>- Experience curators</li> <li>- Feedback collectors &amp; responders</li> <li>- Excitement stokers</li> <li>- Community Builders/Reps</li> </ul>	
ORGANIZING STRUCTURE (BUSINESS MODEL)	Pair IoT offerings with local business, social, and environmental initiatives and temporary, tech-heavy, loud, lit, popup events. Pay-now, quick delivery, self-install.		
OPERATING ENVIRONMENT	High density, urban cores, party		

## EXAMPLE ILLUSTRATIONS (w/ hyperlink)

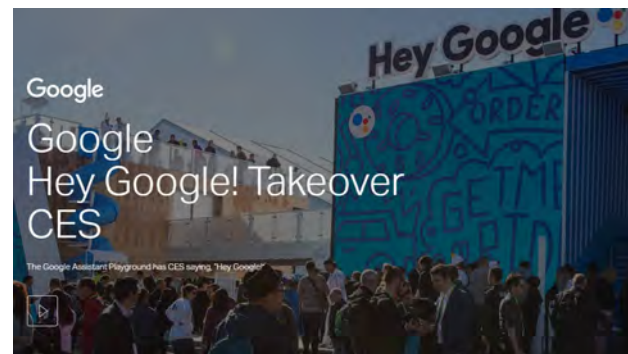
[Amazon is placing 25-foot Boxes in Major Cities to Get You Excited about Prime Day](#)



Holiday 2018

[Google Assistant Playground](#)

CES, 2019



KEY VALUE / IMPLICATIONS FOR #####

**Curated, event-based, branded, experiences highlight the latest technologies and encourage temporary, buy-now offering.**

Affluent Nester  
45-64 yrs

Social Climber  
25-44 yrs

Urban Dweller  
25-34 yrs

Family First  
25-44 yrs

Traditionalist  
45-64 yrs

Gig Service Worker

# 3.4a | User Persona 4: Family First



<b>AGE</b>	25-44	<b>KIDS</b>	Yes	<b>SERVICE PRESENCE</b>	Digital Mobile
<b>INCOME</b>	40K	<b>PRIMARY SHOPPING</b>	Online Retail	<b>PRIMARY BRAND</b>	Amazon
<b>GENERATION</b>	Millennials (Gen Y)	<b>SECONDARY SHOPPING</b>	Service Providers	<b>SECONDARY BRAND</b>	Apple & Google
<b>MARRIED</b>	Yes	<b>TOP CONCERNS</b>	<ol style="list-style-type: none"> <li>Quality</li> <li>Value</li> <li>Safety</li> </ol>	<b>SEEK INFORMATION</b>	<ol style="list-style-type: none"> <li>Social Reviews</li> <li>Physical Stores</li> <li>Numb to Online Ads</li> </ol>

Affluent Nester  
45-64 yrs

Social Climber  
25-44 yrs

Urban Dweller  
25-34 yrs

**Family First**  
25-44 yrs

Traditionalist  
45-64 yrs

Gig Service Worker

<b>FEELINGS</b>	<ul style="list-style-type: none"> <li>➤ Perceive selves as price conscious, frugal, deal seeking... but still make unplanned purchases</li> <li>➤ Responsible Go-Getters</li> <li>➤ Most confident with screen-less "family devices" – especially if reduce screen use, must educate kids on tech</li> <li>➤ Very weary of connected toys – Germany banned kids smart watches</li> </ul>
<b>WHAT THEY BUY</b>	<ul style="list-style-type: none"> <li>➤ Primary: None</li> <li>➤ Secondary: Apparel &amp; Footwear, Personal Care, Household, Unplanned</li> <li>➤ Tertiary: Food &amp; Beverage</li> </ul>

<b>APPROACH</b>	<ul style="list-style-type: none"> <li>➤ Don't care about brands, Less Planned</li> <li>➤ Prefer to try before buy at store - Retailtainment</li> <li>➤ Smooth omnipresent Experience, Buy on Smart Phones, Instagram Primary Social Network</li> <li>➤ Gap between rich (discourage tech use for kids) and poor (more mobile as primary computer in schools)</li> </ul>
<b>ADDITIONAL NOTES</b>	<ul style="list-style-type: none"> <li>➤ Sheltered upbringing, perceived by other generations as entitled &amp; pampered</li> <li>➤ Moving to suburbs by necessity. Amenities in demand = access to mass transit and walkable neighborhoods in proximity to shopping and entertainment</li> </ul>

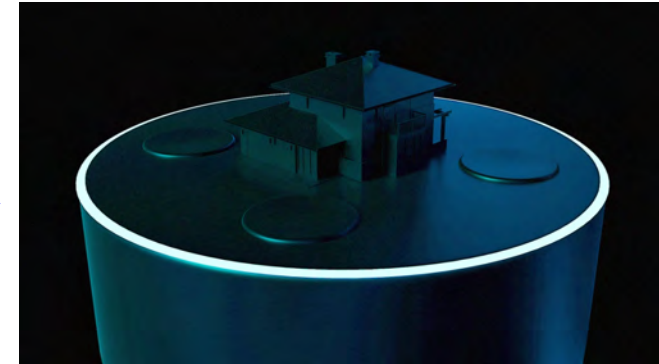
# 3.4b | SHaaS Use Case 4: *Friendly + Trustworthy*

<b>USE CASE</b>	<b>SOLUTION DESCRIPTION</b>	Smooth Mobile-to-Brick & Mortar Experience with, complete home system package, try-before-buy, safety priority	TRL 7
			TRL 8
			TRL 9
	<b>USER(S)</b>	Family First, Kids, and Relatives	
	<b>SERVICE TASKS EXECUTED</b>	Worker Service Tasks - Pick (scan QR) a home system in-store and select from install date options through app - Virtual service, conversational Q&A - App-scheduled install from licensed, trusted, local provider	
<b>ORGANIZING STRUCTURE (BUSINESS MODEL)</b>	Grocery access and “junior box” is the primary growth driver for suburban shopping cores. End-cap complete system selector display, examples of tech to touch & engage with children.		
<b>OPERATING ENVIRONMENT</b>	Live/Work/Play planned community with tiered large-family to town homes with plenty of green space, friendly neighbors, SUVs, and trendy decor		

## EXAMPLE ILLUSTRATIONS (w/ hyperlink)

[Amazon Alexa Housing Partnership w/ Lennar](#)

Spring 2019



63%

willing to download a retailer or loyalty app



65%

willing to use a self-checkout



66%

willing to log in to store wi-fi to receive info or offers



70%

willing to use handheld scanners as they shop

[Why Grocery Stores are Adding IoT to the Shopping List](#)

**KEY VALUE / IMPLICATIONS FOR #####**

**Efficient, planned package selection, with timely Q&A, and scheduled install from licensed, local provider**

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Affluent Nester  
45-64 yrs

Social Climber  
25-44 yrs

Urban Dweller  
25-34 yrs

**Family First  
25-44 yrs**

Traditionalist  
45-64 yrs

Gig Service Worker

**ZYLTER**



# 3.5a | User Persona 5: Traditionalist



<b>AGE</b>	45-64	<b>KIDS</b>	Not at Home	<b>SERVICE PRESENCE</b>	Physical Desktop
<b>INCOME</b>	35K	<b>PRIMARY SHOPPING</b>	Big Box	<b>PRIMARY BRAND</b>	Walmart & Costco
<b>GENERATION</b>	Gen X	<b>SECONDARY SHOPPING</b>	Home Improvement	<b>SECONDARY BRAND</b>	Home Depot
<b>MARRIED</b>	Yes	<b>TOP CONCERNS</b>	<ol style="list-style-type: none"> <li>1. Price</li> <li>2. Price</li> <li>3. Price</li> </ol>	<b>SEEK INFORMATION</b>	<ol style="list-style-type: none"> <li>1. Traditional Media</li> <li>2. Don't enjoy online shopping</li> <li>3. Not engaged on social media</li> </ol>

Affluent Nester  
45-64 yrs

Social Climber  
25-44 yrs

Urban Dweller  
25-34 yrs

Family First  
25-44 yrs

**Traditionalist**  
45-64 yrs

Gig Service Worker

<b>FEELINGS</b>	<ul style="list-style-type: none"> <li>➤ Pragmatists, frugal</li> <li>➤ Not enthusiastic, conservative, consistent, complacent with the status quo</li> </ul>
<b>WHAT THEY BUY</b>	<ul style="list-style-type: none"> <li>➤ Store Brands</li> </ul>

<b>APPROACH</b>	<ul style="list-style-type: none"> <li>➤ Least buying power, living on tight budget</li> <li>➤ Like to plan</li> </ul>
<b>ADDITIONAL NOTES</b>	<ul style="list-style-type: none"> <li>➤ Least interested in innovation, personalization, health, sustainability, environment-friendly, organic</li> </ul>

# 3.5b | SHaaS Use Case: Simple + Secure Support

USE CASE	<b>SOLUTION DESCRIPTION</b>	Big-box store end cap, value-based selection, money saving, buy now and plug-in or turn on to save	TRL 7 TRL 8 TRL 9
	<b>USER(S)</b>	Traditionalists	
	<b>SERVICE TASKS EXECUTED</b>	Worker Service Tasks - Free offers entice/keep attention - Straightforward, honest answers - Emphasize savings/value-add	
	<b>ORGANIZING STRUCTURE (BUSINESS MODEL)</b>	Trained retailer/store-branded employee, offer least expensive, easy-to-self-install products don't require new infrastructure to save customers money (ex. outlet energy monitors), give-away with purchase	
	<b>OPERATING ENVIRONMENT</b>	Outer suburbs or rural, old infrastructure, spotty internet, target towns investing in decentralized energy/information infrastructure	

## EXAMPLE ILLUSTRATIONS (w/ hyperlink)

[Internet of Things America](#)



[How Co-Ops Are Bringing Solar Power to Rural America](#)



**KEY VALUE / IMPLICATIONS FOR #####**

**Uninterested buyers need to know that their purchase will save them money, and they don't want to spend to do so.**

Affluent Nester  
45-64 yrs

Social Climber  
25-44 yrs

Urban Dweller  
25-34 yrs

Family First  
25-44 yrs

Traditionalist  
45-64 yrs

Gig Service Worker

# 3.6a | User Persona 6: Gig Service Worker



<b>AGE</b>	25-34	<b>KIDS</b>	No	<b>SERVICE PRESENCE</b>	Digital Mobile
<b>INCOME</b>	38K				
<b>GENERATION</b>	Young Millennials (Incoming Gen Z)				
<b>MARRIED</b>	No	<b>TOP CONCERNS</b>	1. Insufficient Pay 2. Healthcare 3. Career Advancement		

Affluent Nester  
45-64 yrs

Social Climber  
25-44 yrs

Urban Dweller  
25-34 yrs

Family First  
25-44 yrs

Traditionalist  
45-64 yrs

**Gig Service Worker**

## FEELINGS

- Feel work harder for income than those in traditional jobs – must run all aspects of business alone, more weight on mistakes
- Finding work in chosen field is challenging, multi-skilled by necessity, “just a job”, don’t care, lack of career path, feel stuck, lack of resources for training
- High anxiety about money, lack of benefits, insurance, disability, sickness
- Dependable, enthusiastic, self-disciplined, extraverted, open to new experiences

## APPROACH

- If seeking high quality work – offer fair market pay
- Leverage workers as creative way to add value, not cut costs, engage workers in company culture
- Provide project-based opportunities for incremental skill growth
- Why Employees Leave: Avoid last-minute, short-term, long hours, unreasonable deadlines
- Building a Business
- More likely to break rules, emotional agility, work hard

## ADDITIONAL NOTES

- Primary job more likely to be Men, Hispanic, and African American
- Secondary job more likely to be women
- More likely supported by partner or have housemate

# 3.6b | SHaaS Use Case 6: Flexible Gig Workforce

<b>USE CASE</b>	<b>SOLUTION DESCRIPTION</b>	Incentivize quality work with market rates, provide training for clear growth path & loyalty, offer options for benefits & raises	TRL 7 TRL 8 TRL 9
	<b>USER(S)</b>	Young Millennials (Incoming Gen Z)	
	<b>SERVICE TASKS EXECUTED</b>	<p>Worker Benefits</p> <ul style="list-style-type: none"> <li>- Technical, Sales, &amp; Business Training</li> <li>- Discounts/Product Offers as Local Brand Reps/Influencers</li> <li>- Benefits Package for Long-term Service &amp; Loyalty</li> <li>- Clear growth path with raises</li> </ul>	
	<b>ORGANIZING STRUCTURE (BUSINESS MODEL)</b>	On-demand and scheduled installs, offer preferred working hour and location options at fair market pay.	
	<b>OPERATING ENVIRONMENT</b>	Urban areas with less than 30min travel time (consider gas compensation) to maximize hours.	

## EXAMPLE ILLUSTRATIONS (w/ hyperlink)

[College Hunks Hauling Junk](#)



[Apple Genius Bar](#)



Affluent Nester  
45-64 yrs

Social Climber  
25-44 yrs

Urban Dweller  
25-34 yrs

Family First  
25-44 yrs

Traditionalist  
45-64 yrs

**KEY VALUE / IMPLICATIONS FOR #####**

**Community relationship builders & technical experts for trusted, quality service, installation, and long-term care of IoT systems.**

**Gig Service Worker**



# Recommended prioritization of personas + use cases for ##### to pursue

	USER GROUP
1	Affluent Nester 45-64 yrs
3	Family First 25-44 yrs
2	Social Climber 25-44 yrs
4	Urban Dweller 25-34 yrs
5	Traditionalist 45-64 yrs

**Purpose** | Prioritize use cases to guide identification of priority features for ##### planning and development

# Strategic factors for prioritization of groups for ##### development

	USER GROUP	SHARE OF US MARKET	DISPOSABLE INCOME	COMFORT WITH SMART HOME TECHNOLOGY	WILLINGNESS TO OUTSOURCE SMART HOME SERVICE
<b>1  </b>	<b>Affluent Nester</b> 45-64 yrs	19%	<b>HIGH</b>	LOW	MODERATE
<b>3  </b>	<b>Family First</b> 25-44 yrs	21%	MODERATE	MODERATE	<b>HIGH</b>
<b>2  </b>	<b>Social Climber</b> 25-44 yrs	13%	<b>HIGH</b>	MODERATE	<b>HIGH</b>
<b>4  </b>	<b>Urban Dweller</b> 25-34 yrs	22%	LOW	<b>HIGH</b>	MODERATE
<b>5  </b>	<b>Traditionalist</b> 45-64 yrs	24%	MODERATE	LOW	LOW

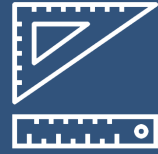
# Additional Information

# Smart Home Installation: Journey



## 1 | FREE CONSULTATION

A smart home expert visits your home to discuss your needs and provides advice on the options available, along with examples from other ##### Stories.



## 2 | ESTIMATE

From this initial discussion, the entire project is costed up and a comprehensive breakdown of costs – including design, equipment and installation – is presented for your consideration.



## 3 | DESIGN

Once the basic framework for the smart home is established, the design team fills in the blanks and turns the idea into a reality, ensuring the various systems will work together flawlessly.



## 4 | VISUALIZATION

For more complex or ambitious projects, a virtual reality experience is created so you can exactly see how your project will look once it is created.



## 5. | PREPARATION

If the property needs to be wired, all cabling will be prepared, made off into plugs and sockets and tested.

Off-site, all equipment will be prepared for installation.



## 6. | INSTALLATION

Once the property has been plastered and the site is dust-free, all equipment, control systems, TVs, and keypad will be installed.



## 7. | COMMISSIONING + SIGN-OFF

All systems will be programmed and thoroughly tested to ensure they are working perfectly, before the project is signed off and an engineer walks you through how the system works.



## 8. AFTER CARE

A competent smart home specialist will offer support and maintenance contracts for any critical issues, fixes or updates that might be necessary in future.

[Source: Andrew Lucas London](#)



# Smart Home Installation: Costs

## DIY

Some off-the-shelf elements – such as some wireless smart cameras or Phillips Hue smart bulbs – can be installed piecemeal and controlled by a dedicated app. However, joining these together isn't always easy to achieve and requires further knowledge of home automation.

## DIFM (Do it for me)

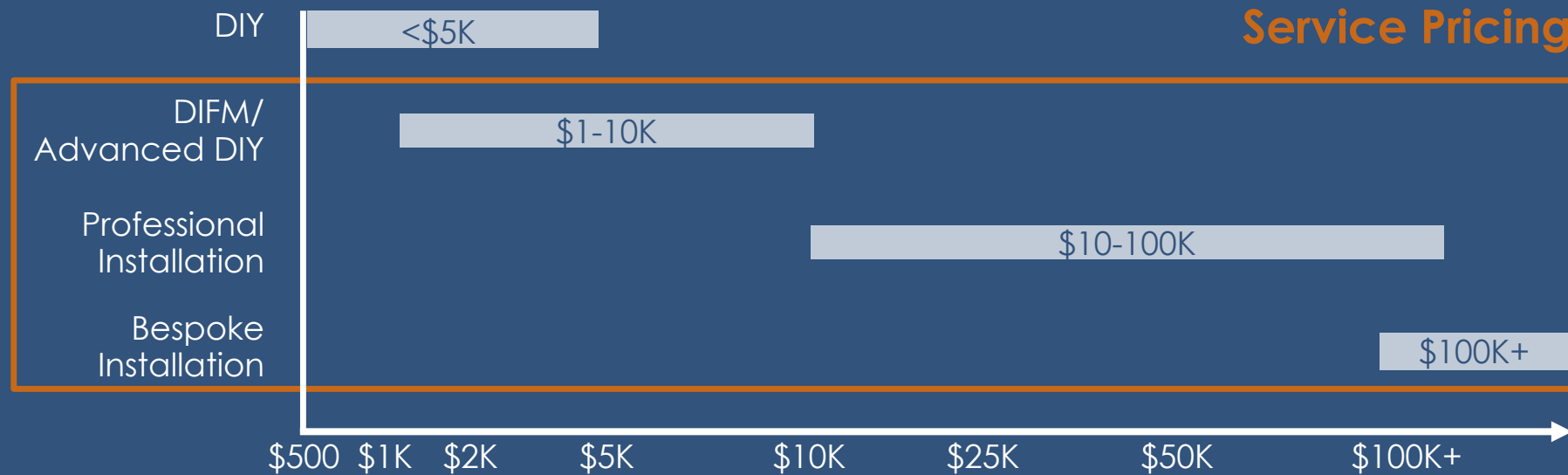
Products such as Fibaro and Qmotion shades could be installed by homeowners, but often it is better to bring in someone with specialist knowledge to install the system for you.

## PROFESSIONAL INSTALLATION

For anything ranging from a fully integrated climate control or a graded smart security system to integrated control of multiple systems, the only feasible option is to bring in a qualified installer to design and install a whole-house system.

## BESPOKE INSTALLATION

For properties with unique environmental challenges or specialist technological requirements, choosing a smart home company with extensive experience in crafting unique solutions ensures an installation that remains sensitive to both the construction and interior design.



**Installation = 40% of Project Cost**

[Andrew Lucas London](#)

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