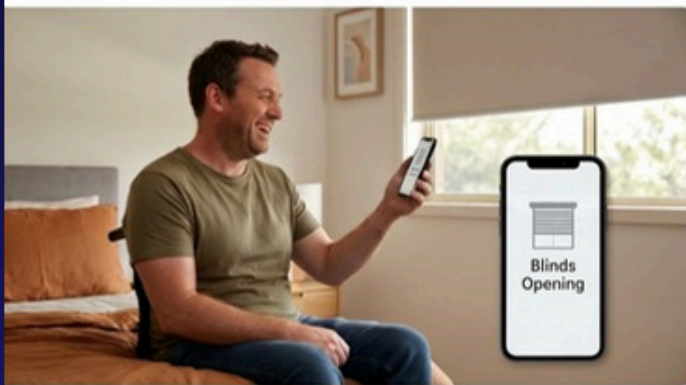
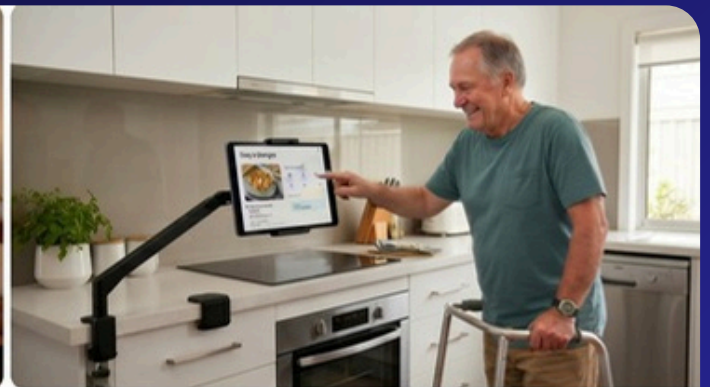
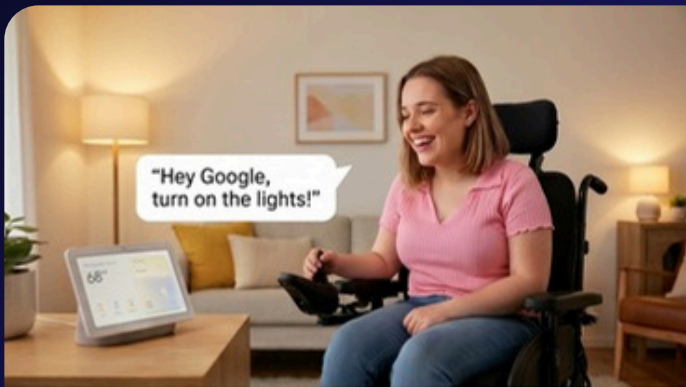


# Participant Outcomes Case Studies



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## **Case Study 1**

# **Independent Home Access Through Automation**

**Location:** Maroubra, NSW

### **The Challenge**

A participant who uses a wheelchair was unable to leave or enter his home independently. The front gate and entry door required manual operation, creating a significant barrier to independent living. The participant also experienced difficulty accessing lighting controls due to the height and location of switches throughout the home.

### **The Solution**

Following consultation and assessment, Smart Lifestyle Solutions designed and implemented a fully integrated accessibility solution including:

- Automated front sliding gate and Automated front entry door
- Widening of the front doorway to improve accessibility
- Automated lighting control throughout key living areas
- Home network upgrades to support smart technologies
- Voice control integration for lighting and door operation
- Mobile app and RF remote-control access
- Integration of the door and gate with a video intercom system
- PIN code access for family members and support personnel

### **The Outcome**

The participant can now independently enter and exit his home without requiring assistance from carers or family members.

The integrated automation system provides multiple control methods, including voice commands, remote controls and mobile app access, allowing the participant to operate lighting, doors and gates safely and confidently.

### **Functional Outcomes Achieved**

- Increased independence
- Reduced reliance on support workers
- Improved accessibility
- Greater confidence when leaving and returning home
- Enhanced safety and security

## Case Study 2

# Improving Safety and Communication for a Hearing-Impaired Participant

**Location:** Marayong, NSW

### **The Challenge**

A participant with a hearing impairment was unable to hear visitors arriving at the front door. There was also concern regarding personal safety because traditional smoke alarms did not provide a suitable warning method in the event of an emergency.

### **The Solution**

Smart Lifestyle Solutions implemented an integrated safety and notification system that included:

- Automated lighting control
- Video intercom system
- Smart integration of the smoke alarm system
- Visual smoke alarm notifications through flashing lights
- Visual doorbell notifications through lighting automation
- Mobile app notifications with haptic feedback
- Mobile app control of lighting systems

### **The Outcome**

The participant now receives visual and tactile notifications whenever a visitor arrives, allowing her to identify and communicate with visitors using a mobile device.

In the event of a fire or smoke alarm activation, automated flashing lights provide a clear visual warning, significantly improving safety within the home.

### **Functional Outcomes Achieved**

- Improved home safety
- Increased awareness of visitors
- Enhanced emergency preparedness
- Greater independence within the home
- Improved confidence and peace of mind

## Case Study 3

# Environmental Control for Greater Independence

**Location:** Ingleburn, NSW

### The Challenge

A participant with mobility limitations required assistance to operate everyday household systems including lighting, ceiling fans, air conditioning and entertainment devices. These daily challenges reduced independence and increased reliance on others.

### The Solution

A customised home automation solution was developed to provide simplified control of key household systems, including:

- Automated lighting control for the bedroom and bathroom
- Automated control of the bedroom ceiling fan
- Integration of bedroom and living room air-conditioning systems
- Integration of an air purification system
- Smart TV integration
- Voice control configuration for all automated systems

### The Outcome

The participant is now able to independently control the most frequently used systems within her home through simple voice commands and mobile app controls.

This solution reduced the need for physical interaction with switches and remote controls while providing greater comfort and autonomy in daily living.

### Functional Outcomes Achieved

- Increased independence
- Reduced physical effort
- Improved comfort and wellbeing
- Enhanced access to environmental controls
- Reduced support requirements

## **Case Study 4**

# **Accessible Bedroom Access Within SDA Accommodation**

**Location:** Sutherland, NSW

### **The Challenge**

A participant living in Specialist Disability Accommodation (SDA) experienced significant difficulty opening and closing the door to his room independently. This limited freedom of movement within the home and affected his ability to seek assistance when required.

### **The Solution**

Smart Lifestyle Solutions delivered a customised automated door solution that included:

- Automated internal door operator
- Electrical works to support automation equipment
- Door frame modifications to accommodate the automated system
- Wall-mounted push-button controls
- Remote-control operation

### **The Outcome**

The participant can now independently enter and exit his room without requiring assistance from support workers.

The automated door system provides reliable and easy access while promoting greater autonomy and dignity within the home environment.

### **Functional Outcomes Achieved**

- Improved accessibility
- Increased independence
- Reduced reliance on carers
- Enhanced mobility within the home
- Greater participant dignity and control

# Our Services

<p><b><u>Home Modifications</u></b></p> <ul style="list-style-type: none"><li>• Accessibility improvements</li><li>• Access solutions</li><li>• Safety modifications</li></ul>	<p><b><u>Smart Home Technology</u></b></p> <ul style="list-style-type: none"><li>• Voice control</li><li>• Automated lighting</li><li>• Automated blinds</li><li>• Climate control</li></ul>	<p><b><u>Accessible Entry Solutions</u></b></p> <ul style="list-style-type: none"><li>• Automated doors</li><li>• Automated gates</li><li>• Smart locks</li><li>• Access control</li></ul>
<p><b><u>Safety &amp; Monitoring</u></b></p> <ul style="list-style-type: none"><li>• Emergency call systems</li><li>• Monitoring solutions</li><li>• Security systems</li><li>• CCTV systems</li></ul>	<p><b><u>Assistive Technology Integration</u></b></p> <ul style="list-style-type: none"><li>• Environmental controls</li><li>• Smart device integration</li><li>• Participant-centred technology solutions</li></ul>	<p><b><u>Consultation &amp; Assessment Support</u></b></p> <ul style="list-style-type: none"><li>• Site assessments</li><li>• Technical advice</li><li>• Budget planning support</li></ul>

## Our Collaboration Process



# Who We Work With



- Occupational Therapists



- SIL and SDA Providers



- Support Coordinators



- Builders



- NDIS Participants



- Families and Carers



## Let's Work Together

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