

## 5 Living in a smart world

Smart devices and their functions		
smart (car) key	Eve's cousin has a smart car key, using his phone to start and lock his truck.	Smart-Schlüsselsystem / intelligentes Schlüsselsystem
smart lock	Ivana installed a smart lock on her house last month, and enjoys the extra level of security.	Smart-Schloss / intelligentes Schloss
smart mirror	A smart mirror can allow you to view weather reports, the time and even traffic reports while you get ready in the morning.	Smart-Spiegel / intelligenter Spiegel
smart mug	Joshua tried out a smart mug that changed colour when his tea was cool enough to drink.	Smart-Kaffebecher / intelligenter Kaffebecher
smart oven	My family's smart oven makes it easy to know exactly what temperature it is.	Smart-Backofen / intelligenter Backofen
smart refrigerator	In Ranita's college dorm room, she had a smart refrigerator.	Smart-Kühlschrank / intelligenter Kühlschrank
smart security camera	Imagine having a smart security camera that you could check by using your phone.	Smart-Überwachungskamera / intelligente Überwachungskamera
smart shades	Vicki loves working in her office, since the smart shades adjust perfectly to let in the right amount of light.	Smart-Sonnenschutz / intelligenter Sonnenschutz
smart smoke detectors	Smart smoke detectors can be a lifesaver in big buildings to prevent serious fire damage.	Smart-Rauchmelder / intelligente Rauchmelder
smart soap dispenser	Many restaurant bathrooms have smart soap dispensers that only give you a small, measured portion of soap.	Smart-Seifenspender / intelligenter Seifenspender
smart vacuum cleaner	Tamar's smart vacuum cleaner was easily programmed to clean every corner of her apartment, but it still scared her cats.	Smart-Staubsauger / Staubsaugerroboter
smartwatch	Xaver bought a smartwatch for his sister's birthday last year.	Smartwatch
to have cooking notifications sent to one's smartphone	Moriah has cooking notifications sent to her smartphone so she knows when her pasta will be done even if she's in a different room.	Kochbenachrichtigungen an das Smartphone gesendet bekommen
to pick a recipe from the recipe bank	Dylan can pick a new recipe from the recipe bank any time she needs cooking inspiration.	ein Kochrezept aus der Kochrezept-Datenbank auswählen
to preheat the oven to the correct temperature	This app makes sure to preheat the oven to the correct temperature.	den Backofen auf die richtige Temperatur vorheizen
to remember temperature / time settings for the next use	Smart oven settings remember temperature settings / time settings for the next use of the device.	die Temperatur- / Zeiteinstellungen für den nächsten Gebrauch speichern
to allow the user to know which food items are inside	A physical display on the outside allows the user to know which food items are inside.	es dem Benutzer/der Benutzerin ermöglichen zu wissen, welche Lebensmittel vorhanden sind

to keep track of the expiration date	Smart refrigerators keep track of the expiration date of individual food items and send alerts when things are about to expire.	das Verfallsdatum im Auge behalten
to send alerts if the door is left open	When she travels, Helen's home app sends alerts if the door is left open.	Benachrichtigungen senden, wenn die Tür offen gelassen worden ist
to lock / unlock doors hands-free	Having the security system installed on a smartphone locks or unlocks doors completely hands-free.	Türen ver- und entriegeln ohne die Hände zu benutzen
to allow someone to open a door without a physical key	These apps even allow Tyler to open up a door without a physical key.	jemandem erlauben eine Tür ohne Schlüssel zu öffnen
to store information like mirror settings / climate control / seat position	These smart car devices store information like mirror settings, climate control and seat positions.	Informationen wie Spiegelseinstellungen / Klimatisierung / Sitzposition speichern
to track one's activities / fitness goals	Kyra's smartwatch tracks her activities and fitness goals throughout the week.	die Aktivitäten / Fitnessziele nachverfolgen/tracken
to view notifications / send messages from one's wrist	Leonie likes the convenience of viewing notifications on her smartwatch and sending messages from her wrist.	Benachrichtigungen ansehen / Nachrichten versenden vom Handgelenk
to monitor one's sleeping patterns	Paolo uses a smartwatch to monitor his sleeping patterns.	das Schlafverhalten überwachen / nachverfolgen
to automatically clean the floor using cliff and bump sensors	Tanja's new vacuum automatically cleans the floor and carpets using cliff and bump sensors.	den Boden automatisch reinigen unter Verwendung von Absturz- und Bodensensoren
to dispense the designated amount of soap	Smart bathroom devices dispense the designated amount of soap or shampoo.	die vorgesehene Menge an Seife dosieren
to track happenings in and around the house	Raúl likes to use his in-home security camera to track happenings in and around the house.	Ereignisse im und um das Haus verfolgen
to send a notification to someone's smartphone when the alarm is triggered	Home-safe sensors send a notification to Guy's smartphone when the alarm is triggered.	eine Benachrichtigung an das Smartphone einer Person senden, wenn der Alarm ausgelöst wird
to automatically control the amount of outdoor light coming into a room	Modern window technology automatically controls the amount of outdoor light coming into a room.	die Menge an natürlichem Licht, das in einen Raum fällt, automatisch kontrollieren
to get information such as date, time, daily news or traffic reports	Smart wearable devices also allow people to get information such as date, time, daily news or traffic reports, even while lying in bed.	Informationen wie Datum, Uhrzeit, Tagesnachrichten oder Verkehrsmeldungen abrufen
to maintain the ideal temperature for a beverage	Smart insulated mugs maintain the ideal temperature for a chosen beverage like coffee or tea.	die ideale Temperatur für ein Getränk aufrechterhalten
<b>What is a smart home?</b>		
to have a convenient home set-up	Howie has a convenient home set-up; he can adjust and control nearly everything with his smartphone.	praktische Konfigurationseinstellungen im Haus haben
to be automatically controlled remotely	It's great to have so many home features that are automatically controlled remotely.	automatisch aus der Ferne gesteuert werden
devices are interconnected through the Internet	Most of the smart devices we have installed are interconnected through the Internet or Bluetooth.	die Geräte sind über das Internet miteinander verbunden

to be accessed through a smartphone / tablet	Marques' lights and electrical appliances are accessed through a smartphone / tablet.	über ein Smartphone / Tablet zugänglich sein
home appliances come with self-learning skills	Many home appliances come with self-learning skills to customise their performance over time to the user.	Haushaltsgeräte verfügen über selbstlernende Fähigkeiten
to make adjustments	Despite the convenience of this new technology, it is often necessary to make adjustments.	Anpassungen vornehmen
artificial intelligence could serve as the brain for the entire home	Soon, artificial intelligence could serve as the brain for the entire home.	künstliche Intelligenz könnte als Gehirn für das gesamte Haus dienen
robots might play a role	For certain users, robots might play an increased role in everyday life.	Roboter könnten eine Rolle spielen
<b>The benefits and downsides of smart homes</b>		
the homeowner's convenience is increased	The more new technology a home has, the more the homeowner's convenience is increased.	der Komfort des Hausbesitzers/der Hausbesitzerin wird erhöht
to save energy costs in the long run	So many finely-tuned and personalised devices save energy costs in the long run.	langfristig Energiekosten sparen
to get notifications in case of trouble	Amelia enjoys that she gets notifications in case of trouble.	im Notfall Benachrichtigungen erhalten
to support the older generation / people with special needs	Smart technologies can support the older generation / people with special needs in everyday tasks so that they can remain more independent.	ältere Menschen / Menschen mit besonderen Bedürfnissen unterstützen
to simplify everyday living	Having all of your household systems on a single device simplifies everyday living.	das tägliche Leben vereinfachen
to maximise home security	Smart lock systems and cameras maximise home security better than ever before.	die Sicherheit des Hauses optimieren
to increase energy efficiency	Specifically programmed light systems and appliances increase energy efficiency.	die Energieeffizienz erhöhen
to anticipate the owner's needs	Some devices anticipate the owner's needs at different times of the day.	die Bedürfnisse des Eigentümers/der Eigentümerin vorkalkulieren / vorwegnehmen
machines might offer a helping hand with cleaning / cooking	These new machines might offer a helping hand with cleaning / cooking by completing simple steps in the background.	Maschinen könnten bei der Reinigung / beim Kochen behilflich sein
the installation costs / maintenance costs / repair costs might be high	One of the downsides to smart home technology is that the installation costs / maintenance costs / repair costs might be high.	die Installations- / Wartungs- / Reparaturkosten könnten hoch sein
to need a reliable Internet connection	Families who install this technology need a reliable Internet connection for everything to work.	eine zuverlässige Internetverbindung benötigen
technology may become outdated	Technology may become outdated quickly as new features are developed.	die Technologie könnte nicht mehr auf dem neuesten Stand sein
to be vulnerable to cyberattacks	In the modern world, homes with smart technology might be more vulnerable to cyberattacks.	für Cyberangriffe anfällig sein

gadgets might not communicate with each other	Some devices might not communicate with each other or might even interfere with each other's function.	es könnte sein, dass Geräte nicht miteinander kommunizieren
non-ionising radiofrequency radiation (NRFR) emitted from all smart devices may be hazardous to one's health	Marie knew that non-ionising radiation emitted from all smart devices might be hazardous to her health, if she was constantly surrounded by them.	nicht-ionisierende Hochfrequenzstrahlung (NRFR), die von allen intelligenten Geräten abgegeben wird, kann gesundheitsgefährdend sein
smart homes collect / analyse data	Our devices and smart homes collect / analyse the data they gather from us.	intelligente Häuser/Smart Homes sammeln / analysieren Daten
to be a potential target for hackers	Oliver doesn't want to be a potential target for hackers.	ein potenzielles Ziel für Hacker/innen sein
cybersecurity will become more vital	In the future, cybersecurity will become more vital to protect users' privacy.	Cybersicherheit wird immer wichtiger werden
to raise privacy concerns	Eddie raised privacy concerns about the implementation of smart technology in an editorial to the <i>New York Times</i> .	Bedenken hinsichtlich des Datenschutzes erheben
<b>Smart city life</b>		
to improve public services through the merging of critical infrastructure	Smart tech might improve public services through the merging of critical infrastructure.	öffentliche Dienstleistungen durch die Zusammenlegung kritischer Infrastruktur verbessern
to enable smart city residents to have up-to-date energy-related information	Technological developments enable smart city residents to have up-to-date energy-related information.	Bewohnern/Bewohnerinnen der intelligenten Stadt aktuelle energiebezogene Informationen zugänglich machen
smart city systems will also link to devices in the home	Certain parts of the smart city systems will also link to devices in the home.	intelligente Stadtsysteme werden sich auch mit Geräten in den Haushalten verbinden / verlinken
health tracking devices alert family / city departments to health emergencies	Different health tracking devices would alert Noah's family / city departments to health emergencies.	Geräte zur Überwachung des Gesundheitszustands alarmieren die Familie / die städtischen Behörden bei gesundheitlichen Notfällen
constant interaction between the citizens and the city	Smart technology would create constant interaction between the citizens and the city.	ständige Interaktion zwischen den Bürgern/Bürgerinnen und der Stadt
to notify the city regarding potholes / trash / broken sprinkler systems	Cameras in public spaces would notify the city regarding potholes / trash / broken sprinkler systems or other issues.	die Stadt über Schlaglöcher / Müll / defekte Sprinkleranlagen informieren
to have sensors that monitor rain / humidity	Harry's office building has sensors that monitor rain and humidity and adjust ventilation and temperature accordingly.	Sensoren zur Überwachung von Regen / Feuchtigkeit haben
to help citizens make decisions	More available information helps citizens make decisions.	den Bürgern/Bürgerinnen helfen Entscheidungen zu treffen
to map routes in the city	Automatic traffic sensors could aid people's smartphones to map routes in the city.	Routen in der Stadt aufzeichnen
to ease the morning / evening rush	New ways of transmitting current traffic information could ease the morning / evening rush.	den morgendlichen und abendlichen Berufsverkehr verringern

to access car-sharing services from a smartphone app	Sue accesses car-sharing services almost every day from a smartphone app.	auf Carsharing-Dienste über eine Smartphone-App zugreifen
to use augmented-reality applications when visiting historic sites	It would become possible to use augmented-reality applications when visiting historic sites.	Augmented-Reality-Anwendungen bei der Besichtigung historischer Stätten verwenden
to navigate a city at night	Utilising smart technology would allow Ying to navigate her home city at night more safely.	bei Nacht durch eine Stadt navigieren
to make something safer with the use of LED lights	Time-sensitive stripes make bike-riding safer with the use of LED lights.	durch den Einsatz von LED-Lichtern mehr Sicherheit schaffen
exponential growth of devices	A new fascination with the limits of technology has led to the exponential growth of devices on the market.	exponentielles Wachstum von Geräten
to face challenges	These concepts face challenges and opposition from city governments who have privacy and economic concerns.	Herausforderungen gegenüberstehen, mit Herausforderungen konfrontiert sein
energy supply	The use of smart technology depends heavily on the energy supply.	Energieversorgung
energy demand	Energy demand is a key driver in energy production.	Energiebedarf
to notify someone	Sami notified her colleague via their work app that she would be slightly late for the staff meeting.	jemanden benachrichtigen
a smooth commute	Tracking traffic patterns can ensure a smooth commute.	ein reibungsloser Arbeitsweg
to send an alert	The device sends an alert when it detects movement outside.	eine Warnung senden
to empower city services	Increased availability of technology empowers city services to improve their performance.	es den städtischen Diensten ermöglichen / die städtischen Dienste befähigen
<b>The downsides of smart technology</b>		
to delete unused accounts	If Sid wants to increase his online security, he should delete unused accounts on social media.	ungenutzte Konten löschen
to protect one's reputation	Amar told his brother he should protect his reputation online so he can get a good job later.	das eigene Ansehen schützen
to check the privacy settings	Maeve checks the privacy settings immediately on any new account she opens.	die Datenschutzeinstellungen überprüfen
to create disposable email addresses	It is quite easy to create disposable email addresses for quick site access.	Einmal-E-Mail-Adressen erstellen
to opt out of letting websites sell / save one's data	Sometimes Hugh has trouble opting out of letting websites sell / save his data.	dem Verkauf / der Speicherung der Daten durch Websites nicht zustimmen
to protect one's data	Jill makes sure she protects her data.	(persönliche) Daten schützen
to unintentionally leave information behind	Even if you are only logged in for a few minutes, it's possible to unintentionally leave information behind.	unbeabsichtigt Informationen hinterlassen
to refer to all personal data available about someone online	Controlling what you put online refers to all personal data available about someone online.	alle persönlichen Daten betreffen, die über jemanden online verfügbar sind

data might be used by hackers or criminals	Personal data might be used by hackers or criminals if it's easy to access.	Daten könnten von Hackern/Hackerinnen oder Kriminellen genutzt werden
to be cautious	My aunt is very cautious even about creating an email account.	vorsichtig sein
to clear one's browser history regularly	Isabella clears her browser history regularly.	den Browserverlauf regelmäßig löschen
to always think twice before doing something	A good rule of thumb is to always think twice before doing something, online or otherwise.	immer zweimal nachzudenken, bevor man etwas tut
to reduce one's online presence	Myra wants to actively reduce her online presence by deleting her <i>Facebook</i> and <i>Instagram</i> accounts.	die Online-Präsenz reduzieren
to be mindful of one's digital footprint	It is not only important to Sophie to make sure she's not sharing too much information online, but also to be mindful of her digital footprint.	auf den digitalen Fußabdruck achten