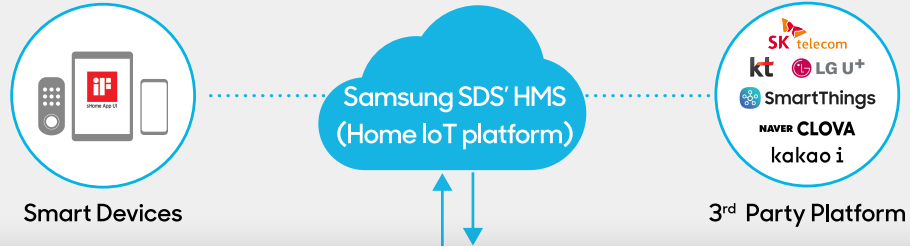
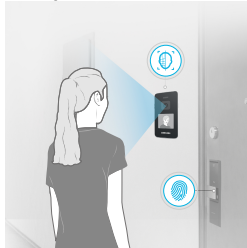

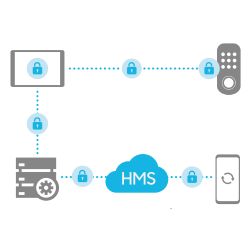


Platform-based Smart Home IoT

The most recent biometrics information (e.g. fingerprints/face/voice) technology is applied to devices to strengthen easy entrance and security. Throughout all areas of hardware and communications, there will be dual security to keep the system safe from possible hacking.

In addition, the system can be sustainably expanded based on the home management solution (HMS) by getting connected to various IoT products. Through AI algorithm, services including customized device control and energy management will be provided in order to improve residents' quality of life.



Home Safety	Convenience	IoT Security	Service Extension																			
<ul style="list-style-type: none"> Alarm for any invasion or emergency Check out the entrance information Entrance by face/ fingerprint recognition 	<ul style="list-style-type: none"> Device control (e.g. light/gas/home appliances) Video call with visitors when the host is not at home Search notice/energy status 	<ul style="list-style-type: none"> Hardware security Dual security throughout all communications section Certified by Korea Internet & Security Agency (KISA) 	<ul style="list-style-type: none"> Auto-control based on life pattern analysis Link to 3rd parties' platform (voice control for AI speaker, home appliances control) <table border="1"> <tr> <td>Data collection</td> <td>Profile analysis</td> <td>Provision of AI service</td> </tr> <tr> <td>Door lock</td> <td rowspan="3">SDS HMS</td> <td>Wake-up</td> </tr> <tr> <td>Wall pad</td> <td>Sleeping</td> </tr> <tr> <td>Sensor</td> <td>Outing</td> </tr> <tr> <td></td> <td></td> <td>Come-back</td> </tr> <tr> <td>Smart electronics</td> <td colspan="2">SmartThings by Samsung Electronics</td> </tr> <tr> <td>AI speaker</td> <td colspan="2">3 telecommunication companies, Naver/ Kakao</td> </tr> </table>	Data collection	Profile analysis	Provision of AI service	Door lock	SDS HMS	Wake-up	Wall pad	Sleeping	Sensor	Outing			Come-back	Smart electronics	SmartThings by Samsung Electronics		AI speaker	3 telecommunication companies, Naver/ Kakao	
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