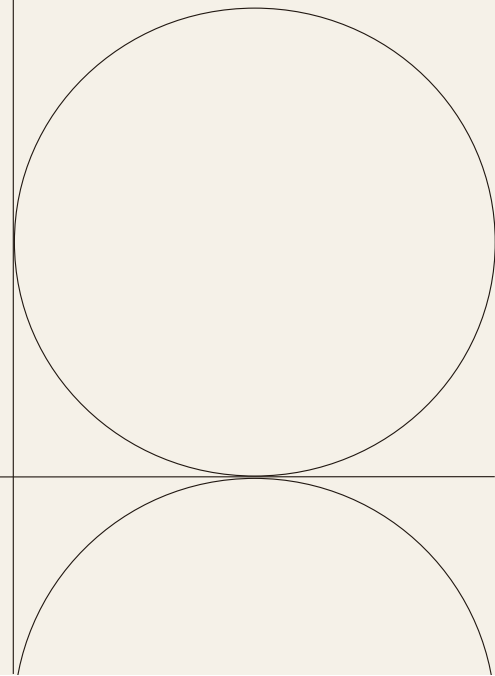


Hotel Network Documentation



Overview

Project Tool	Cisco Packet Tracer
Description	<p>Hotel Network is divided into three main areas: Reception, Management, and Guest Rooms.</p> <p>The network includes both wired and wireless connections, with DHCP and server services in the management section.</p> <p>Devices are organized for secure and efficient communication between hotel systems and guest access</p>

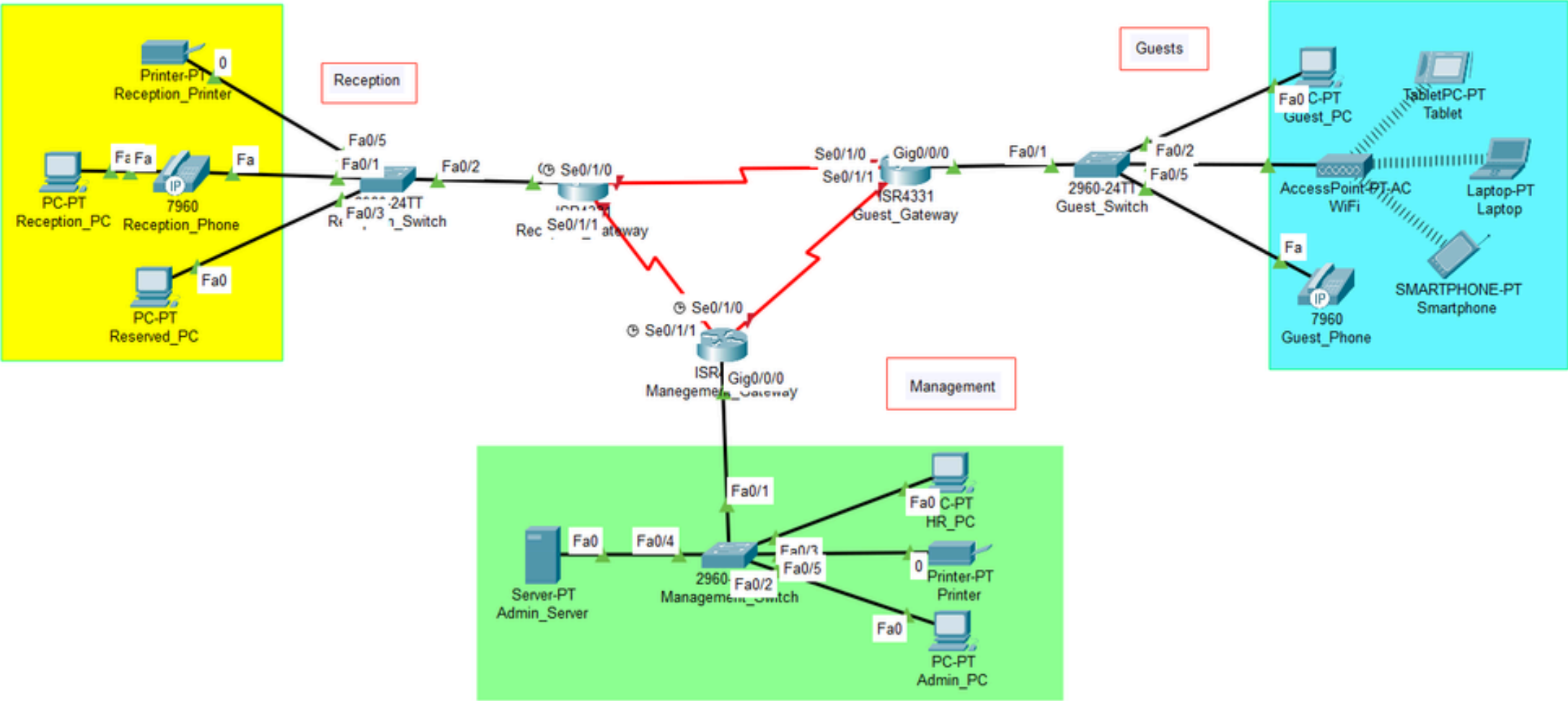
Project Networks

Reception	<ul style="list-style-type: none">Devices: 2 PCs - Printer - IP Phone - Switch Connected to the Main Router.
Management	<ul style="list-style-type: none">Devices: Server - 2 PCs - Printer - Switch Connected to the Main Router.
Guest Rooms	<ul style="list-style-type: none">Devices: Access Point - PC - IP Phone - Some Devices Connected Wireless - Switch Connected to the Main Router.

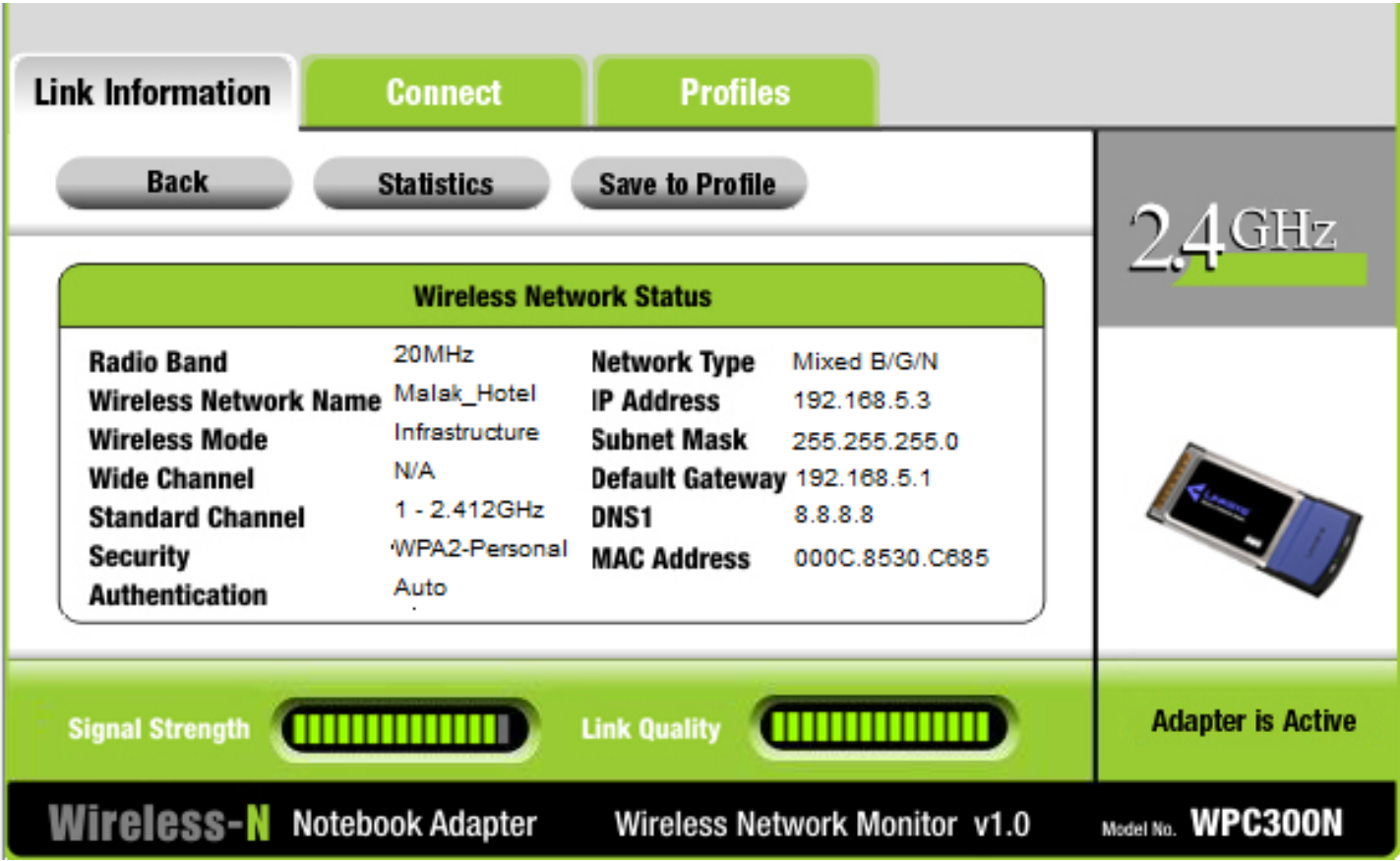
Network Addressing

Network	Device name	IP address	Subnetmask
Reception	Reception_Gateway	192.168.3.1	255.255.0.0
	Reception_Printer	192.168.3.10	255.255.0.0
	Reception_PC	192.168.3.11	255.255.0.0
	Reserved_PC	192.168.3.13	255.255.0.0
Management	Management_Gateway	192.168.4.1	255.255.255.0
	Admin_Server	192.168.4.10	255.255.255.0
	HR_PC	192.168.4.2(DHCP)	255.255.255.0
	Admin_PC	192.168.4.4(DHCP)	255.255.255.0
	Printer	192.168.4.3(DHCP)	255.255.255.0
Guests Rooms	Guest_Gateway	192.168.5.1	255.255.255.0
	Guest_PC	192.168.5.2(DHCP)	255.255.255.0
	Tablet	192.168.5.4(DHCP)	255.255.255.0
	Laptop	192.168.5.3(DHCP)	255.255.255.0
	Smartphone	192.168.5.6(DHCP)	255.255.255.0

Hotel NetworkTopology



Wireless AccessPoint Network



DHCP Server

