

## Scenario 1: Domain Joined Computer (Recommended)

As an IT technician, you can achieve a domain-joined computer setup for secure multi-user access by following these steps:

### Preparation:

1. **Gather Information:**
  - **Computer Name:** Determine the name you want to assign to the computer on the domain.
  - **Domain Name:** You should already know the company's Active Directory domain name.
  - **User Account:** You'll need a domain user account with privileges to join computers to the domain.
2. **Verify Network Connectivity:** Ensure the computer has a stable network connection to your company's network and the domain controller(s).

### Joining the Domain:

1. **Access System Properties:** There are a couple of ways to access system properties depending on your Windows version:
  - **Windows 10/11 (Search bar):** Type "System Properties" in the taskbar search bar and select the result.
  - **Windows 10/11 (Control Panel):** Open Control Panel, navigate to "System and Security" and then click "System."
2. **Change Computer Name (Optional):**
  - Click on "Change settings" under "Computer name, domain, and workgroup settings."
  - In the "Computer Name" tab, click "Change" if you want to assign a specific name to the computer on the domain.
  - **Note:** It's generally recommended to follow your company's naming conventions for computers.
3. **Join Domain:**
  - In the "Member of" section, select "Domain" and enter the company's domain name in the "Domain" field (e.g., "company.com").
  - Click "OK".
4. **Domain Credentials:**
  - Enter the domain user account credentials with privileges to join computers to the domain (username and password).
  - Click "OK".
5. **Restart Required:** The computer will prompt you to restart to complete the domain joining process. Click "Restart Now."

### Post-Joining Tasks:

1. **Verify Successful Join:** After the computer restarts, log in using a domain user account. This verifies successful domain membership.
2. **Group Policy Application (Optional):**
  - Domain-joined computers inherit security policies and configurations defined in Group Policy Objects (GPOs) within Active Directory.
  - You may need to verify with your IT administrator if there are any specific GPOs to be

applied to this computer.

**Additional Considerations:**

- **Pre-existing Local Accounts:** If there are pre-existing local accounts on the computer, they might become disabled after joining the domain.
- **Software Installation:** Software installations might require administrative privileges or specific permissions granted through domain user accounts or Group Policy.

**Important Note:**

- These are general steps; specific procedures might vary depending on your company's Active Directory configuration and security policies.
- Always consult with your IT administrator before joining a computer to the domain to ensure adherence to company policies and proper configuration.
- They might have additional security measures or specific domain joining procedures in place.