# INT301 Network Design and Design Proposal for Anthony’s Potato Chip Company

## Author: [Insert Name]

## Created on: [Insert Date]

## **Requirement Analysis**

[Include the requirements for each element]

Data Types:

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Data Sources:

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Numbers of Users and Priority Levels:

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Transmission Speed Requirements:

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Load Variation Estimates:

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Storage Requirements:

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Reliability Requirements. The standards reliability requires the network to operate at following percentage rates:

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| Standard Operations Uptime:  Downtime:  Error rate: 0.001% |

Existing Network:

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| Describe the existing network. |

### High-Level Diagram

[Insert your high-level diagram. The diagram should only show the buildings and internet.]

### Detailed Design

[Insert detailed designs here]

### Equipment Analysis

Determine the equipment needed based on your planned network and complete the Equipment and Analysis table. Specify the products you are considering for your design and include their costs and the total cost of the network. Use the site [www.cdw.com](http://www.cdw.com) to find equipment. Ensure the devices are all Cisco to ensure compatibility and reliability.

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| --- | --- | --- | --- | --- | --- | --- |
| **Equipment Cost - LAN** | | | | | | |
| **Tangible Costs** | | | | | | |
| **Product** | Model | Price | Quantity | Warranty | Maintenance | Total $$ |  |
| HP File/Print Server |  |  |  | (example) 3yrs |  |  |  |
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Provide a rationale for your choices based on your sources.

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Recommend additional software that Anthony’s may need for ease of communication. For example: Skype, WebEx, Adobe, audio files, email, chat, and video. Provide a rationale for your recommendations using scholarly sources. (Similar to Figure 9-19 in your text).

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### Reflection

[This section is to be completed in Week 5 as part of the Final Assignment once you have incorporated feedback provided by your peers and/or instructor].

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