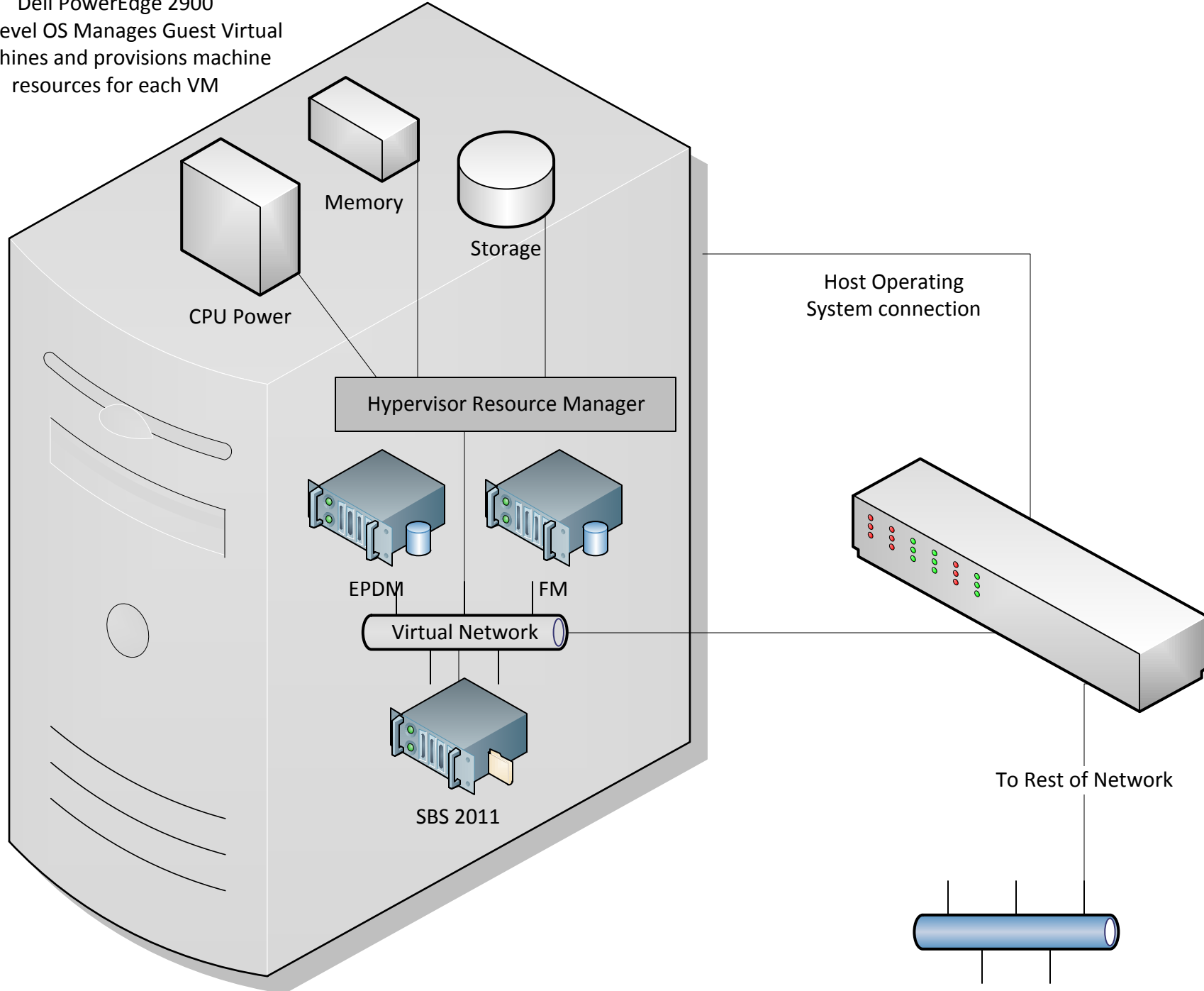


B

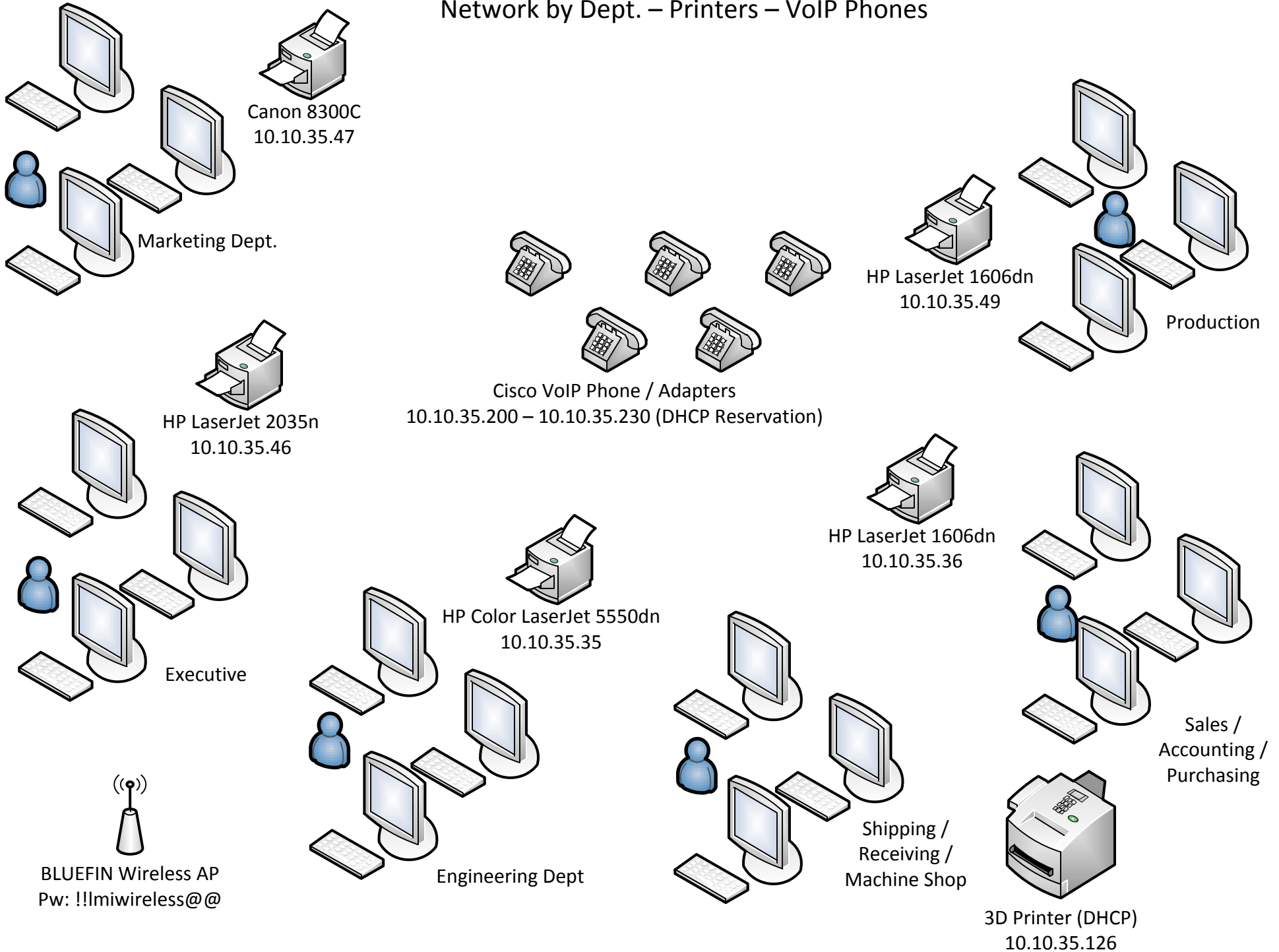
# Host Machine Diagram

LMI-HOST  
Dell PowerEdge 2900  
Top-Level OS Manages Guest Virtual  
Machines and provisions machine  
resources for each VM



C

# Network by Dept. – Printers – VoIP Phones



# Operations and Tools

## Machine Shop

- MasterCAM X – Software for computer assisted manufacturing, references shared files in <\\LMISBS\CAD> (Contact: Randy Hanson, Beau Robertson, Chris McCaslin)
- HASP – Hardware license dongle (USB Key) for validating MasterCAM licensing, installed \ attached on LMI-HOST (Contact: RayneTech, Randy Hanson)
  - Downloaded at <http://www.mastercam.com/support/downloads/misc/files/mastercam-licensemanager.zip>
- 3D Printer or Fuse Deposition Modeling machine (FDM) – Dimension SST 1200es. Located in closed room adjacent to CNC programming room. Administered by CatalystEX Software. Machine IP is 10.10.35.126 (Static Reservation) (Contact: Jarod Armer, RayneTech)

## Engineering

- SolidWorks – 3D Modeling suite used for most CAD applications. References files in <\\LMISBS\CAD> and <\\LMISBS\File>. Licensing managed by floating license software located on FILEMAKER (Solidworks SolidNetWork License Administrator). If license software moves machines, license needs to be released\transferred from this manager. Clients contact license manager using 25734@FILEMAKER. (Contact: Jarod Armer, Chris McCaslin)
- PADS – PCB layout design software, phased out Summer 2012, license valid until March 2013. License server referenced at 1717@LMISBS. Mentor Graphics license software located at <\\LMISBS\Shared> Apps. (Contact: Doug Foss)
- All open CAD files located in <\\LMISBS\CAD>

## Marketing

- Autodesk Inventor
- Adobe Designer Suite CS5 – License with media per machine

## Accounting

- AccountEdge (MYOB) 2011 – Finance/accounting management by Acclivity. Installer located at \\LMISBS\File\Installers. Serial for all clients is 107071209170. Each client needs to be deactivated manually from inside the program to free the license. (Contact: DD DuBose)
- All accounting information stored in \\LMISBS\Finance

## All Users

- Filemaker 9 – Client installer located at \\LMISBS\Shared Apps\Filemaker. License key located in PDF in the same directory. FM databases located at 10.10.35.251. Filemaker Server Admin Console (started from FILEMAKER console) login: Administrator, passw0rd. All databases need to show as “Normal” in Admin Console before clients can connect. (Contact: Jesse Betts, RayneTech)
- Office 2003, 2007, 2010, 2011( Mac) – Licenses with media located in computer info boxes in server room.

## Backup Locations and Procedures

LMISBS – Backup performed by wbadmin (Windows Server Backup Admin) to local Hard Drive, full Bare Metal Restore mode.

Filemaker – FM databases backed up daily to \\FILEMAKER\FM Backups, backed up offsite using RTS Offsite Backup.

Accounting Share (\\LMISBS\Finance) – Backed up on local HD and using RTS Offsite Backup daily.

## Network Shares (Distribution by Group Policy)

**M:** - \\LMISBS\File - Used for read only files, manuals, driver stores, and installers

**N:** - \\LMISBS\Users - Used for commonly accessible (with some exceptions) network shared folders, mostly organized by user name or purpose

**H:** - \\LMISBS\Users\Shares\%Username% - Personal network folder mapped to each user’s permissions. Included in daily backups

**L:** - \\LMISBS\CAD - CAD\CAM\PCB directory used for engineering’s working files, mapped by Group Policy to “Engineering” security group, permissions limit write access by non-engineering users

**P:** - \\LMISBS\Finance - Used for Finance\Accounting files and AccountEdge working file. Mapped by Group Policy to “Finance” security group, permissions limit read\write access by non-finance users

## Active Directory User List

| <u>Name</u>       | <u>Description</u>       | <u>E-Mail Address</u>            | <u>User Logon Name</u>             |
|-------------------|--------------------------|----------------------------------|------------------------------------|
| Amy Fabry         | Marketing Director       | afabry@lightandmotion.com        | afabry@lightandmotion.local        |
| Andre Bertomeu    | Engineering              | abertomeu@lightandmotion.com     | abertomeu@lightandmotion.local     |
| Andy Sharp        |                          | andy@lopoco.com                  |                                    |
| Andy Sharp        | Lopoco Admin             | andy@lightandmotion.com          | andy@lightandmotion.local          |
| Ann-Elise Emerson | CFO                      | aemerson@lightandmotion.com      | aemerson@lightandmotion.local      |
| Barry Barrett     | Operations Manager       | bbarrett@lightandmotion.com      | bbarrett@lightandmotion.local      |
| Beau Robertson    | Engineering              | brobertson@lightandmotion.com    | brobertson@lightandmotion.local    |
| Betty Hatchett    | Purchasing / Inventory   | bhatchett@lightandmotion.com     | bhatchett@lightandmotion.local     |
| Bike Web Orders   | Bike Web Orders          | bikeweborders@lightandmotion.com | bikeweborders@lightandmotion.local |
| Blaise Douros     | Sales \ Customer Support | bdouros@lightandmotion.com       | bdouros@lightandmotion.local       |
| Cassie Torda      | Marketing                | ctorda@lightandmotion.com        | ctorda@lightandmotion.local        |
| Chris McCaslin    | Lead Engineer            | cmccaslin@lightandmotion.com     | cmccaslin@lightandmotion.local     |
| Courtney Gogarty  | Customer Support         | cgogarty@lightandmotion.com      | cgogarty@lightandmotion.local      |
| Dan Baldocchi     | Outside Sales            | dbaldocchi@lightandmotion.com    | dbaldocchi@lightandmotion.local    |
| Daniel Emerson    | CEO                      | demerson@lightandmotion.com      | demerson@lightandmotion.local      |
| David Cadwalder   | Receiving                | dcadwalder@lightandmotion.com    | dcadwalder@lightandmotion.local    |
| David Castillo    | RMA Service              | dcastillo@lightandmotion.com     | dcastillo@lightandmotion.local     |
| David Flores      | Machine Shop             | dflores@lightandmotion.com       | dflores@lightandmotion.local       |
| David Tolan       | Engineering              | dtolan@lightandmotion.com        | dtolan@lightandmotion.local        |
| DD DuBose         | Accounting Manager       | ddubose@lightandmotion.com       | ddubose@lightandmotion.local       |
| Debbie Myers      | Shipping                 | dmyers@lightandmotion.com        | dmyers@lightandmotion.local        |
| Demetrio Lavara   | Production               | dlavara@lightandmotion.com       | dlavara@lightandmotion.local       |
| Doug Foss         | Electrical Engineer      | dfoss@lightandmotion.com         | dfoss@lightandmotion.local         |
| Electronics ELab  | LightSphere account      | eelab@lightandmotion.com         | eelab@lightandmotion.local         |
| Elmar Grom        | Coding Specialist        | egrom@lightandmotion.com         | egrom@lightandmotion.local         |
| Eric Simon        | Production \ Engineering | esimon@lightandmotion.com        | esimon@lightandmotion.local        |
| Fred Hertlein     | Engineering Intern       | fhertlein@lightandmotion.com     | fhertlein@lightandmotion.local     |
| Greg Weisenfeld   | Engineering              | gweisenfeld@lightandmotion.com   | gweisenfeld@lightandmotion.local   |
| Heidi Hall        | Marketing                | hhall@lightandmotion.com         | hhall@lightandmotion.local         |
| Jack Gresmer      | Outside Sales            | jgresmer@lightandmotion.com      | jgresmer@lightandmotion.local      |
| Jacob Thompson    | Web Design / Marketing   | jthompson@lightandmotion.com     | jthompson@lightandmotion.local     |
| Jarod Armer       | Engineering              | jarmer@lightandmotion.com        | jarmer@lightandmotion.local        |
| Jesse Betts       | Purchasing               | jbetts@lightandmotion.com        | jbetts@lightandmotion.local        |
| Jessica Hord      | Customer Support / Sales | jhord@lightandmotion.com         | jhord@lightandmotion.local         |

|                    |                          |                                |                                  |
|--------------------|--------------------------|--------------------------------|----------------------------------|
| Jim BoisD'Enghien  | Sales                    | jb@lightandmotion.com          | jb@lightandmotion.local          |
| Juan Espinoza      |                          | jespinoza@lightandmotion.com   | jespinoza@lightandmotion.local   |
| Kevin Mitchell     | Sales / Customer Support | kmitchell@lightandmotion.com   | kmitchell@lightandmotion.local   |
| LM Admin           | Local LMI Admin          | ladmin@lightandmotion.com      | ladmin@lightandmotion.local      |
| Louis Prezelin     | International Sales      | lprezelin@lightandmotion.com   | lprezelin@lightandmotion.local   |
| Michael Topolovac  |                          | mtopolovac@lightandmotion.com  | mtopolovac@lightandmotion.local  |
| Michelle Silva     | Accounts Receivable      | msilva@lightandmotion.com      | msilva@lightandmotion.local      |
| Mold Shop          | Molding station          | moldshop@lightandmotion.com    | moldshop@lightandmotion.local    |
| Paul Barnett       | Sales                    | pbarnett@lightandmotion.com    | pbarnett@lightandmotion.local    |
| Peter Chapman      |                          | pchapman@lightandmotion.com    | pchapman@lightandmotion.local    |
| Production Station | Production Floor Account | production1@lightandmotion.com | production1@lightandmotion.local |
| Programming PC     | Firmware / Prog PC       | pgm@lightandmotion.com         | pgm@lightandmotion.local         |
| Randy Hanson       | Machine Shop             | rhanson@lightandmotion.com     | rhanson@lightandmotion.local     |
| Receiving          |                          | receiving@lightandmotion.com   | receiving@lightandmotion.local   |
| RMA Bike           |                          | rmabike@lightandmotion.com     | rmabike@lightandmotion.local     |
| RMA UW             |                          | rmauw@lightandmotion.com       | rmauw@lightandmotion.local       |
| Roman Janicek      | RMA Service              | rjanicek@lightandmotion.com    | rjanicek@lightandmotion.local    |
| RTS Admin          | RTS Network Admin        | rtsadmin@lightandmotion.com    | rtsadmin@lightandmotion.local    |
| Ryan White         | Sales / Customer Support | rwhite@lightandmotion.com      | rwhite@lightandmotion.local      |
| Scott Kurteff      | Controller               | skurteff@lightandmotion.com    | skurteff@lightandmotion.local    |
| Tori Broughton     | Outside Marketing        | tbroughton@lightandmotion.com  | tbroughton@lightandmotion.local  |
| UW Web Orders      |                          | uweborders@lightandmotion.com  | uweborders@lightandmotion.local  |
| Yvonne Strub       | Accounting Assistant     | ystrub@lightandmotion.com      | ystrub@lightandmotion.local      |

## Active Directory Computer List

| <u>Name</u>  | <u>Type</u> | <u>Description</u>               |
|--------------|-------------|----------------------------------|
| LMISBS       | Server      | Small Business Server 2011       |
| CITADEL      | Server      | Remote Desktop Server            |
| FILEMAKER    | Server      | Filemaker Server                 |
| LANDM        | Server      | Debian Linux distro, wiki, email |
|              |             |                                  |
| APOPHIS      | Computer    | Blaise's PC in Support           |
| BETTY        | Computer    | Old Dinosaur in etching          |
| CAPTAIN-NEMO | Computer    | Jessica's PC in Customer Support |
| CHEECH       | Computer    | Firmware PC                      |
| CHONG        | Computer    | RMA and Inc. Processing          |
| COOPER       | Computer    | David's notebook                 |
| DALI         | Computer    | Jarod's PC in Engineering        |
| DASH         | Computer    | Heidi's PC                       |
| FAWKES       | Computer    | Shipping PC                      |
| FLYNN        | Computer    | Barry's PC                       |
| FRED         | Computer    | Receiving Station 1              |
| HELIOS       | Computer    | Debbie's Shipping PC             |
| HEPHAESTUS   | Computer    | CnC Room Right                   |
| KEPLER       | Computer    | DD's PC in Accounting            |
| LIGHTBRITE   | Computer    | EE Lab Computer                  |
| LMIPC0212    | Computer    | Jim's in Sales                   |
| LMIPC1009    | Computer    | Engineering Laptop               |
| LOCKE        | Computer    | Kevin's PC                       |
| LORAX        | Computer    | Floating Laptop                  |
| MERCURY      | Computer    | Betty's Laptop                   |
| MERLIN       | Computer    | Production Station               |
| MERMAID      | Computer    | CFO's PC                         |
| MOLDER       | Computer    | Molding PC in Machine Shop       |
| MOORE        | Computer    | Doug Foss                        |
| NAUTILUS     | Computer    | Paul's PC                        |



|             |          |                                  |
|-------------|----------|----------------------------------|
| NEWTON      | Computer | Michelle's PC                    |
| NORM        | Computer | RMA Dept.                        |
| PAGE        | Computer | SQL Reporting Services Server    |
| POPEYE      | Computer | Dan's PC in Server room          |
| PTOLEMY     | Computer | Scott's PC in Accounting         |
| SHASTA      | Computer | Greg's PC                        |
| SMITH       | Computer | Accounting Assistant PC (Yvonne) |
| SOLASTATION | Computer | Jesse's PC                       |
| TAPATIO     | Computer | CNC Room Left                    |
| TAYLOR      | Computer | Demetrio's in Production         |
| THOR        | Computer | Receiving Station 2              |
| TRON        | Computer | Ryan's PC in Sales               |
| WATSON      | Computer | Andre's PC in Engineering        |
| WAYLAND     | Computer | Courtney's in Customer Support   |
| WILSON      | Computer | Eric's PC                        |
| WRIGHT      | Computer | Beau's in Engineering            |



