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# MINIMUM EQUIPMENT REQUIREMENTS

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The following represents the recommended **MINIMUM** system requirements for the successful installation of versions of **LOANLEDGER** Software for the Microsoft Vista Operating System or Microsoft Windows 7:

## SINGLE USER VERSION:

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1 User	Processor Intel	Memory Minimum 1gb	Hard Drive Minimum 9.1gb	Operating System: Vista Professional <sup>(1)</sup>
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### Printer:

HP Laser Printer (PCL 5e driver / HP LaserJet P2030 or higher series)  
No Ink Jet Printers, no Dot Matrix Printers, no “all-in-one” combinations

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### Monitor:

Minimum 1024 x 768 screen resolution

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### Modem:

56k baud modem or higher required for dialer interface for **COLLECTOR**

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### Additional software to be supplied by user:

**LOANLEDGER Lite** and **LOANLEDGER PS!** require Microsoft Access  
**LOANLEDGER** (Standard) requires Pervasive SQL 9.1+  
**LOANLEDGER XP** (SQL) is not available for Single User

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- (1) In most cases, Microsoft XP Professional may replace the Vista Professional operating system requirement for workstations. Microsoft 64-bit Windows 7 has not been tested with any version of **LOANLEDGER**.
- (2) For these purposes, the term “Single User Version” shall mean the use of a single workstation, with installation and execution on that single workstation, without the benefit of any other work station or additional server or equipment serving a function similar to an additional server, and without the benefit of the Internet.

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# MINIMUM EQUIPMENT REQUIREMENTS

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The following represents the recommended **MINIMUM** system requirements for the successful installation for all versions of **LOANLEDGER** Software for the Microsoft Vista Operating System or Microsoft Windows 7. These are NOT our recommended equipment requirements for your installation, however anything less may not operate.

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## LOCAL AREA NETWORK, MULTI-USER VERSION:

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### WORKSTATION:

Each User	Processor Intel	Memory Minimum 1gb	Hard Drive Minimum 9.1gb	Operating System: Vista Professional <sup>(1)</sup>
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### SERVER: (Typical network: 1 to 25 users—NOT SQL) <sup>(2)</sup>

	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008
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### Printer:

HP Laser Printer (PCL 5e driver / HP LaserJet P2030 or higher series)  
No Ink Jet Printers, no Dot Matrix Printers, no “all-in-one” combinations

### Monitor per workstation:

Minimum 1024 x 768 screen resolution

### Modem per workstation:

56k baud modem or higher required for dialer interface for **COLLECTOR**

### Additional software to be supplied by user:

**LOANLEDGER Lite** requires Microsoft Access (Not recommended for more than 10 users)  
**LOANLEDGER PS!** is not available for Network or any version of Multi-user  
**LOANLEDGER** (Standard) requires Pervasive SQL 9.1+

- (1) In most cases, Microsoft XP Professional may replace the Vista Professional operating system requirement for workstations. Microsoft 64-bit Windows 7 has not been tested with any version of **LOANLEDGER**.
- (2) **Additional Servers:** For these purposes, the term “Local Area Network” shall mean the use of a single server, with execution on single workstations, without the benefit of additional servers or equipment serving a function similar to additional servers, and without the benefit of the Internet.

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# MINIMUM EQUIPMENT REQUIREMENTS

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The following represents the recommended **MINIMUM** system requirements for the successful installation of all versions of **LOANLEDGER** Software for the Microsoft Vista Operating System or Microsoft Windows 7. These are NOT our recommended equipment requirements for your installation, however anything less may not operate.

## LOCAL AREA NETWORK, MULTI-USER VERSION:

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### WORKSTATION:

Each User	Processor Intel	Memory Minimum 1gb	Hard Drive Minimum 9.1gb	Operating System: Vista Professional <sup>(1)</sup>
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### SERVERS: (Medium network: 26 to 50 users—NOT SQL) <sup>(2)(3)</sup>

Operating System Server <sup>(3)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008
Pervasive Data Server <sup>(3)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008

### Printer:

HP Laser Printer (PCL 5e driver / HP LaserJet P2030 or higher series)  
No Ink Jet Printers, no Dot Matrix Printers, no “all-in-one” combinations

### Monitor per workstation:

Minimum 1024 x 768 screen resolution

### Modem per workstation:

56k baud modem or higher required for dialer interface for **COLLECTOR**

### Additional software to be supplied by user:

**LOANLEDGER Lite** requires Microsoft Access (Not recommended for this size installation)

**LOANLEDGER PS!** is not available for Network or any version of Multi-user

**LOANLEDGER** (Standard) requires Pervasive SQL 9.1+

- (1) In most cases, Microsoft XP Professional may replace the Vista Professional operating system requirement for workstations. Microsoft 64-bit Windows 7 has not been tested with any version of **LOANLEDGER**.
- (2) **Additional Servers:** For these purposes the term “Local Area Network” shall mean the use of a single server, with execution on single workstations, without the benefit of additional servers or equipment serving a function similar to additional servers, and without the benefit of the Internet
- (3) Each server needs to be a separate physical server, not just partitioned; we recommend rack mount installations.

# MINIMUM EQUIPMENT REQUIREMENTS

The following represents the recommended **MINIMUM** system requirements for the successful installation of all versions of **LOANLEDGER** Software for the Microsoft Vista Operating System or Microsoft Windows 7. These are NOT our recommended equipment requirements for your installation, however anything less may not operate.

## LOCAL AREA NETWORK, MULTI-USER VERSION:

### WORKSTATION:

Each User	Processor Intel	Memory Minimum 1gb	Hard Drive Minimum 9.1gb	Operating System: Vista Professional <sup>(1)</sup>
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### SERVERS: (Larger network: 50 to 200 users—NOT SQL) <sup>(2)(3)</sup>

Operating System Server <sup>(3)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008
Primary Pervasive Data Server <sup>(3)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb (Maximum available)	Operating System: Windows Server 2003 or Windows Server 2008
Secondary Pervasive Data Server <sup>(3)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008
Raid Level-5 Server				

### Printer:

HP Laser Printer (PCL 5e driver / HP LaserJet P2030 or higher series)  
No Ink Jet Printers, no Dot Matrix Printers, no “all-in-one” combinations

### Monitor per workstation:

Minimum 1024 x 768 screen resolution

### Modem per workstation:

56k baud modem or higher required for dialer interface for **COLLECTOR**

### Additional Software to Be Supplied By User:

**LOANLEDGER Lite** requires Microsoft Access (*Not recommended for this size installation*)  
**LOANLEDGER PS!** is not available for Network or any version of Multi-user  
**LOANLEDGER** (Standard) requires Pervasive SQL 9.1+

- (1) In most cases, Microsoft XP Professional may replace the Vista Professional operating system requirement for workstations. Microsoft 64-bit Windows 7 has not been tested with any version of *LOANLEDGER*.
- (2) Additional Servers: For these purposes, the term “Local Area Network” shall mean the use of a single server, with execution on single workstations, without the benefit of additional servers or equipment serving a function similar to additional servers, and without the benefit of the Internet.
- (3) Each server needs to be a separate physical server, not just partitioned; we recommend rack mount installations.

# MINIMUM EQUIPMENT REQUIREMENTS

The following represents the recommended **MINIMUM** system requirements for the successful installation of all versions of **LOANLEDGER** Software for the Microsoft Vista Operating System or Microsoft Windows 7. These are NOT our recommended equipment requirements for your installation, however anything less may not operate.

## WIDE AREA NETWORK -- ENTERPRISE VERSION:

### WORKSTATION:

Each User	Processor Intel	Memory Minimum 1gb	Hard Drive Minimum 9.1gb	Operating System: Vista Professional <sup>(1)</sup>
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### SERVER FARM: <sup>(2)</sup>

Operating System Server <sup>(2)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008
Raid Level-5 Server Fail-over				
Primary Pervasive Data Server <sup>(2)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb (Maximum available)	Operating System: Windows Server 2003 or Windows Server 2008
Raid Level-5 Server Fail-over	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb (Maximum available)	Operating System: Windows Server 2003 or Windows Server 2008
Secondary Pervasive Data Server <sup>(2)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008
Raid Level-5 Server Fail-over				
Terminal Server <sup>(2)</sup>				
Printer Server <sup>(2)</sup>				

*Printer:*

HP Laser Printer (PCL 5e driver / HP LaserJet P2030 or higher series)  
No Ink Jet Printers, no Dot Matrix Printers, no “all-in-one” combinations

*Monitor per workstation:*

Minimum 1024 x 768 screen resolution

*Modem per workstation:*

56k baud modem or higher required for dialer interface for **COLLECTOR**

*Additional Software to Be Supplied By User:*

**LOANLEDGER Lite is** not available for any Wide Area Network

**LOANLEDGER PS! is** not available for any network or any version of Multi-user

**LOANLEDGER** (Standard) requires Pervasive SQL 9.1+

- (1) In most cases, Microsoft XP Professional may replace the Vista Professional operating system requirement for workstations. Microsoft 64-bit Windows 7 has not been tested with any version of **LOANLEDGER**.
- (2) Each server needs to be a separate physical server, not just partitioned; we recommend rack mount installations.

# MINIMUM EQUIPMENT REQUIREMENTS

The following represents the recommended **MINIMUM** system requirements for the successful installation of all versions of **LOANLEDGER** Software for the Microsoft Vista Operating System or Microsoft Windows 7. These are NOT our recommended equipment requirements for your installation, however anything less may not operate.

## WIDE AREA NETWORK – SQL ENTERPRISE VERSION:

### WORKSTATION:

Each User	Processor Intel	Memory Minimum 1gb	Hard Drive Minimum 9.1gb	Operating System: Vista Professional <sup>(1)</sup>
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### SERVER FARM: <sup>(2)</sup>

Operating System Server <sup>(2)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008
Raid Level-5 Server Fail-over	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008
Primary SQL Server <sup>(2)</sup>	Processor Intel 3+ GHz (Maximum)	Memory Minimum 4gb (Maximum!)	Hard Drive Minimum 10gb (Minimal)	Operating System: Windows Server 2003 or Windows Server 2008
Primary SQL Data Server <sup>(2)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb (Maximum available)	Operating System: Windows Server 2003 or Windows Server 2008
Raid Level-5 Server Fail-over	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb (Maximum available)	Operating System: Windows Server 2003 or Windows Server 2008
Secondary SQL Data Server <sup>(2)</sup>	Processor Intel 2+ GHz	Memory Minimum 4gb	Hard Drive Minimum 160gb	Operating System: Windows Server 2003 or Windows Server 2008

Raid Level-5 Server Fail-over				
Terminal Server <sup>(2)</sup>				
Replication Server <sup>(2)</sup>				
Print Server <sup>(2)</sup>				

*Printer:*

HP Laser Printer (PCL 5e driver / HP LaserJet P2030 or higher series)  
 No Ink Jet Printers, no Dot Matrix Printers, no “all-in-one” combinations

*Monitor per workstation:*

Minimum 1024 x 768 screen resolution

*Modem per workstation:*

56k baud modem or higher required for dialer interface for **COLLECTOR**

*Additional Software to Be Supplied By User:*

**LOANLEDGER Lite** is not available for any Wide Area Network  
**LOANLEDGER PS!** is not available for any network or any version of Multi-user  
 User supplies all licenses for Windows Server, Terminal Server and MS SQL 2003 (or 2005)  
**LOANLEDGER** provides NO restrictions on the number of user for this SQL version

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- (1) In most cases, Microsoft XP Professional may replace the Vista Professional operating system requirement for workstations. Microsoft 64-bit Windows 7 has not been tested with any version of **LOANLEDGER**.
  - (2) Each server needs to be a separate physical server, not just partitioned; we recommend rack mount installations.

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# MINIMUM EQUIPMENT REQUIREMENTS

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## Theoretic Maximum Loans Under Ideal Circumstances

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<b><i>LOANLEDGER PS!</i></b> (MS Access)	1 to 50 loans
<b><i>LOANLEDGER Lite</i></b> (MS Access)	11,000 loans
<b><i>LOANLEDGER</i></b> (standard Pervasive)	Exceeds 1,000,000 loans
<b><i>LOANLEDGER Express</i></b> (MS SQL Express)	27,000 loans
<b><i>LOANLEDGER XP</i></b> (MS SQL) [Black, Platinum, Diamond]	Never determined

At high volumes, maximum will be restricted by hard disk sizes. XP (SQL) version can span hard disks into the Terabyte ranges.