

AMTECH SYSTEMS INC  
Form NT 10-K  
December 30, 2004

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SEC File  
Number  
0-11412

FORM 12b-25

NOTIFICATION OF LATE FILING

(Check One):  Form 10-K  Form 20-F  Form 11-K  
 Form 10-Q  Form N-SAR  Form N-CSR

For Period Ended: September 30,  
2004

- Transition Report on Form 10-K
- Transition Report on Form 20-F
- Transition Report on Form 11-K
- Transition Report on Form 10-Q
- Transition Report on Form N-SAR

For the Transition Period Ended: \_\_\_\_\_

*Read Instruction Sheet Before Preparing Form. Please Print or Type.*

**Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.**

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

\_\_\_\_\_  
N/A  
\_\_\_\_\_

**PART I REGISTRANT INFORMATION**

\_\_\_\_\_  
Amtech Systems, Inc.  
\_\_\_\_\_  
Full Name of Registrant

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N/A

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Former Name if Applicable

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131 S. Clark Drive

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Address of Principal Executive Office (Street and Number)

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Tempe, AZ 85281

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City, State and Zip Code

**PART II RULES 12b-25(b) AND (c)**

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate).

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;
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