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**Article:** Converting BIGINT to Date Format

**Date**: 08/03/2012

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**Source**: [Link](http://www.dbforums.com/microsoft-sql-server/1640233-converting-bigint-date-format.html)

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# [**SQL Server – Converting Bigint to Date format**](http://heelpbook.altervista.org/2012/sql-server-converting-bigint-to-date-format/)

**SCENARIO**

*Hi all, we have an application from a third party vendor. In which a table stored time as below in* ***bigint*** *format.*

*CREATEDTIME RESPONDEDTIME DUEBYTIME   
-------------------- -------------------- --------------------   
1236666082555 1236666085435 1236680482555*

*And it is diplaying as below through their application:*

*Created date : 10 Mar 2009 14:21:22   
Responded Date : 10 Mar 2009, 10:21:25   
Due date : 10 Mar 2009 14:21:22*

*Any idea how they are converting into this format?*

**SOLUTION**

Those numbers are **UNIX EPOCH** numbers with milliseconds as the lowest three digits. In other words, **1236666082555** actually represents **1236666082** (*number of seconds since midnight jan 1 1970*), with an additional **555/1000** seconds.

By the way, **1236666082** is **2009-03-10 06:21:22 UTC.**

SELECT

DATEADD(ms, CREATEDTIME-(CREATEDTIME/1000)\*1000,

DATEADD(ss, CREATEDTIME/1000+8\*60\*60, '19700101'))

FROM yourtable

**NOTE:** You’ll need to specify “*yourtable*” and the right fields in **BIGINT** date format (in this example this is **CREATEDTIME**).