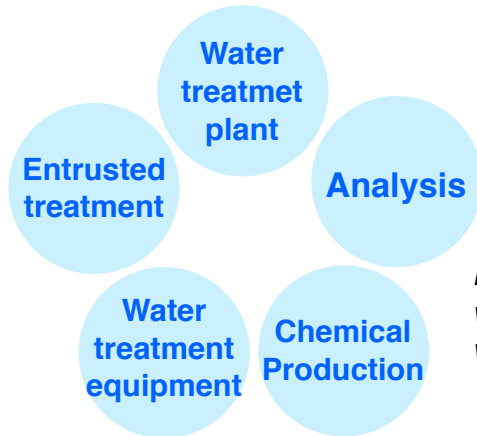


# This is Nippon ALSI (Thailand)



By one of a kind microbial water treatment system, we propose solutions to any problems

## BIO ALSI microbial waste water treatment plant

Very progressive equipment "BIO ALSI" transform waste water to clean water and gas. BIO ALSI is so useful to treat waste water from **sugar manufacturing, processed marine products, car painting, cation electrodeposition coating, water soluble cutting oil of machining process, mold release agent of die casting** and so on.

## High quality waste water treatment equipment

The concept of Nippon ALSI (Thailand) is to provide the waste water treatment system which can treat without man power.

## Progressive flocculant "ALSI FLOC N-100 series"

This progressive flocculant can treat high concentration water such as cutting oil or cationic electrodeposition coating waste liquid and all without inorganic flocculant. Cause of ALSI floc N100-Series, a lot of Japanese manufacturing factory succeeded to reduce the amount of waster production.

## Water quality analysis

pH, COD, BOD, Oil&Grease, Suspended solids, TDS, TDK, Metal ion.  
There are lots of parameters which should be passed for discharge.  
Nippon ALSI (Thailand) analyze all of them and we ALSI do not only analysis but also support our customer to treat waste water optimally.

## Entrusted High concentration waste liquid treatment

Nippon ALSI (Thailand) do entrusted treatment of high concentration waste liquid.  
Cutting oil, Cation electrodeposition waste liquid...  
Nippon ALSI can treat high concentration waste liquid instead of customer.

# Corporate History

- 1987 Establish Japan Lapant Co.,Ltd.  
Change the company name to Japan ALSI Co.,Ltd  
The president Mr.Fujino visit some public swage plants in Hokkaido and Tohoku area and resolve matters of active sludge treatment.  
And then Mr. Fujino become a leading expert on resolving matters of active sludge treatment and make a contribution for provision of solid-liquid separation of active sludge.
- 1989 Conduct collaborative research on provision of filamentous bulking with Nagoya university, Yamanashi university and swage plant of Hirozen city and all.  
Begin the works of design and construction of microbial waste water treatment plant to resolve matters fundamentally.
- 1991 Construct the first Bio ALSI microbial plant at the poultry slaughtering factory and achieve significant result.
- 1992 The ministry of international trade and industry Issued an official notice concerned about reduction of wastage and then, Toyota motor ask to propose flocculant for each waste water treatment makers.  
At this time, conduct a research and development about flocculant to reduce wastage and then ALSI floc N100-Series are invented.
- 1993 ALSI floc N100-Series are adopted at factories of Toyota motor and Honda motor to treat water soluble cutting oil and cation electrodeposition coating waste liquid.
- 2000 Establish ALSI environmental analysis center.
- 2002 Construct and open Kanto factory (Tochigi, Japan)  
Construct "Bio ALSI" at Nissan motor Tochigi factory for oil type high concentration waste liquid.  
Construct "Bio ALSI" as the largest one tank type microbial waste water treatment plant at Nissan motor Tochigi factory for general waste water.
- 2003 Construct "Bio ALSI" at Nissan motor Zama factory for oil type high concentration waste liquid.  
Construct "Bio ALSI" at Honda motor Moka factory for waste liquid of mold release agent of hot forging.
- 2004 Construct "Bio ALSI" at Aichikikai industry Matsusaka factory for oil type high concentration waste liquid.  
Construct "Bio ALSI" at Nissan motor Iwaki factory for oil type high concentration waste liquid.  
Construct "Bio ALSI" at Komatsu Moka factory for oil type high concentration waste liquid.
- 2005 Construct "Bio ALSI" at Toyotomi industry for paint type waste liquid.  
Construct "Bio ALSI" at Nissan motor Oppama factory for oil type high concentration waste liquid.
- 2006 Construct "Bio ALSI" at factory of Sanwa-altech for waste liquid of die-casting.
- 2007 Construct "Bio ALSI" at Sekisui house Hyogo factory for panel paint waste water.  
Construct "Bio ALSI" at Takata kyushu Arita factory for barrel and paint waste water.  
Construct "Bio ALSI" at F-tech Kameyama second factory for electrodeposition coating waste water.
- 2009 Construct and open Kyushu factory (Fukuoka, Japan)
- 2011 Establish Nippon ALSI (Thailand) Co.,Ltd. (Bangkok, Thailand)
- 2012 Construct "Bio ALSI" at Showa seika for waste water of sweets production.  
Construct "Bio ALSI" at Taiyo kagaku for waste water of food emulsifier.  
Construct "Bio ALSI" at Daisin Korat factory for barrel, oil, paint type and general waste water.  
Construct "Bio ALSI" at Nissan Motot (Thailand) Co.,Ltd for cation electrodeposition coating waste liquid.