

cheese grading

Cheese Grading

Integrator® is revolutionising the way that grading data is captured and stored, meaning that operators can easily access information on batches or specific products, wherever they are located.

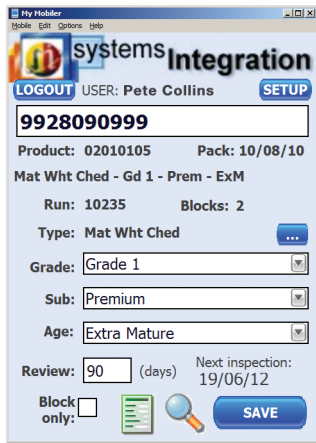
The application has been designed to enable cheese processors to quickly and easily record grading information through the use of portable, hand-held data capture devices.

The use of electronic data capture ensures complete visibility and traceability. It also improves the accuracy of information by considerably reducing the chance of error that is posed by paper based records (illegible handwriting, records getting damaged etc).

If any changes need to be made, all products in that batch will be automatically updated with this information. When an item is re-graded, **Integrator®** changes all the product codes in the batch accordingly, eg: from mild to mature. This saves time and reduces the chance of mistakes, as each time data is re-keyed, the risk of error increases.

Of course, there are circumstances when automatic updates are inappropriate. In these situations, authorised staff have the option to manually edit information.

To minimise the chance of error when recording grading data, category options are limited to be relevant to the product in question. For example, the choices that are available to be selected for the grade, sub grade and age of Cheddar cheese will be different to those that are available for Stilton.



Inspection History

As well as speeding up the data entry process, **Integrator®** enables operators to quickly and easily access information. Data can be found within seconds at the click of a button, removing the need to trawl through reams of paper work.



Cheese Grading Features

- portable hand-held data capture
- automated analysis and calculations
- records data on:
 - grade
 - sub-grade
 - age
 - location
 - value
- review date alerts
- automated reporting and distribution



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integrator 
food productivity systems

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Easy Reporting

Reporting is simple – all management have to do is identify who they would like to receive which particular report, when and how often. For example, you may want to know which products are due for inspection in the following week, or if there are any overdue items.



Grading Inspection Notification

Inspect between: 22/03/2012 and 05/04/2012

Report: INR1568
Version: 1.1.0.0
Run By: support
Company: Systems Integration

INSPECTION DATE: 02/04/2012

Stock to be Inspected - Related Samples

Run No	Pallet ID	Raw Id	Product	Product Description	Cheese Type	Age	Grade	Sub Grade	Location	Bases Remaining	Last Inspection
200301	010000010833	1201030600280882	04000001	Non Mat Col Ched - ** - ** - NG	Non Mat Col Ched	NG	**	**	6H81-E-1	79	
200302	010000010833	1201030600280944	04000001	Non Mat Col Ched - ** - ** - NG	Non Mat Col Ched	NG	**	**	6H81-E-1	63	
200303	010000010833	1201030600281020	04000001	Non Mat Col Ched - ** - ** - NG	Non Mat Col Ched	NG	**	**	6H81-E-1	97	
200304	010000010833	1201030600281118	04000001	Non Mat Col Ched - ** - ** - NG	Non Mat Col Ched	NG	**	**	6H81-E-1	96	
200305	010000010833	1201030600281212	04000001	Non Mat Col Ched - ** - ** - NG	Non Mat Col Ched	NG	**	**	6H81-E-1	96	
200306	010000010833	1201030600281308	04000001	Non Mat Col Ched - ** - ** - NG	Non Mat Col Ched	NG	**	**	6H81-E-1	96	
200307	010000010833	1201030600281420	04000001	Non Mat Col Ched - ** - ** - NG	Non Mat Col Ched	NG	**	**	6H81-E-1	96	
200308	010000010833	1201030600281537	04000001	Non Mat Col Ched - ** - ** - NG	Non Mat Col Ched	NG	**	**	6H81-E-1	15	

The grading application can then be configured so that the necessary reports are automatically generated and emailed to the relevant people. Reports include any previously entered QA and grading information and can also be produced on demand if necessary.



Stock by Grade Date

Description	Code	Cases	Weight	Up to 7 days	Up to 14 days	Up to 21 days	Up to 28 days	Up to 60 days	Up to 90 days	Up to 120 days	Up to 180 days	Up to 360 days	Over 360 days
Non Mat Wht Ched - ** - ** - NG	01000001	117	2,254					20			21		76
Non Mat Wht Ched - Gd 2 - Std - Med	01022003	132	2,688										132
Non Mat Wht Ched - Gd 2 - Weak - Med	01022103	197	3,936								44		153
Non Mat Wht Ched - Gd 2 - Shtx - Med	01022303	42	859										42
Non Mat Wht Ched - Gd 2 - HFI - Med	01022403	43	877										43
Non Mat Wht Ched - Gd 2 - BaFI - Mid	01022502	86	1,752								86		
Non Mat Wht Ched - Gd 2 - BaFI - Med	01022503	1,831	37,341								312		1,519
Non Mat Wht Ched - Gd 3 - HIMO - Mid	01033002	223	4,517										223
Process	01044200	596	10,010		39	20	15	126	103	110	127	58	
Non Mat Wht Ched - Gd 4 - Proc - Mid	01044202	132	2,690										132
Non Mat Wht Ched - Gd 4 - Moul - Mid	01044302	100	1,742										98
Mat Wht Ched - ** - ** - NG	02000001	5,376	108,942	571				702	14	63	181	1,801	2,238

Stock Valuation

As well as providing an up to date view of stock levels, Integreater® enables management to quickly and easily assess the value of their stock as it is graded. This is achieved by identifying any variances, stock anomalies and rejections against the standard cost.



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Major Benefits

- real time data
- complete visibility
- increased accuracy
- instant access to information
- reduced paper work
- warns operators if they select an invalid option
- helps to prevent batches remaining at the same grade unnoticed
- removes the need to grade every individual block



Inspection Grading History

Inspections between: 16/05/2011 and 23/05/2011

Batch	Date Sampled	Sampled Pallet ID	Sampled Location	Queue Remaining On Stock						
200301	16/05/2011 09:14:14	02000001	6H81-E-1	87						
Inspection Date	Orig Product	Orig Cheese Type	Orig Sub Grade	New Product	New Cheese Type	New Grade	New Sub Grade	End Of Life	Applied To	
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000004	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000005	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000006	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000007	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000008	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000009	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000010	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000011	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000012	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000013	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000014	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000015	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000016	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000017	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000018	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000019	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch
16/05/2011 10:20:25	02000001	Mat Wht Ched	**	**	02000020	Mat Wht Ched	Grade 1	Platinum	no	Whole Batch



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Report Run: Mon 23/05/2011 11:05:17

Report: INR1568
Version: 1.1.0.0
Run By: support
Company: Systems Integration

What is Integreater®?

Integreater® is an enterprise manufacturing execution system, also known as an e-MES. The unique solution works by ensuring that management have the visibility to achieve greater accuracy, efficiency and traceability. It effectively holds a magnifying glass up to your processing cycle, so that you can see exactly what's going on and identify where you need to make improvements.

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